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CALIFORNIA REGIONAL WATER  
QUALITY CONTROL BOARD  
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UNDERGROUND DIESEL STORAGE TANK REMOVAL  
SHULTZ STEEL COMPANY  
5321 FIRESTONE BOULEVARD  
SOUTH GATE, CALIFORNIA 90280

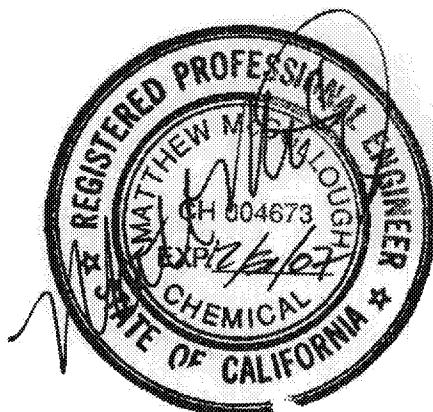
April 2004

Prepared For:  
Shultz Steel Company  
5321 Firestone Boulevard  
South Gate, CA 90280

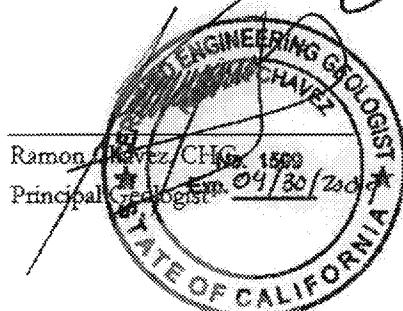
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## 1.0 INTRODUCTION

This report presents the results of observations and activities performed by MC<sup>2</sup> Environmental Engineering Services (MC<sup>2</sup>) during the removal of one underground storage tank (UST) at Shultz Steel Company (Shultz) located at 5321 Firestone Boulevard, South Gate, California 90280 (Figure 1). The actual location within the Shultz facility of the UST was east of the eastern end of the Reisner Way cul-de-sac (Site; Figure 2).

### 1.1 PURPOSE AND OBJECTIVES

The purpose of this investigation was to observe and monitor the excavation and removal of one 10,000-gallon diesel UST and to assess subsurface conditions within the UST excavation site. The scope of work consisted of the following tasks:

- Obtain Tank Closure Permit from the County of Los Angeles, Department of Public Works (LACDPW), Environmental Programs Division,
- Obtain Tank Removal Permit from the County of Los Angeles Fire Department,
- Observe the removal of one 10,000-gallon capacity UST,
- Monitor excavated soil with a photoionization detector (PID) for volatile organic vapors and record readings on South Coast Air Quality Management District (SCAQMD) Rule 1166 soil handling worksheets,
- Collect representative soil samples according with LACDPW protocol from soils located at the base of the excavation,
- Submit soil samples to a State-certified laboratory for chemical analysis of hydrocarbons when required by the LACDPW,
- Evaluate the data and prepare a report summarizing the above activities.

### 1.2 SITE CONDITIONS

#### 1.2.1 General

The Shultz facility is surrounded by light industry except for its eastern limit which is with the Los Angeles River. In addition, the Shultz facility is located on the north side of Firestone Boulevard between Atlantic Avenue and the I-710 Long Beach Freeway at an elevation of approximately 100 feet above mean sea level (Figure 1). For the most part, the Site surface consisted of an 8-inch thick concrete slab. At the time of the excavation, the area was used by the Shultz facility as a storage and/or open area for work related maneuvers.

#### 1.2.2 Geology

According to the California Department of Water Resources (CDWR, 1961), the Shultz facility is situated on the middle of the Los Angeles Central Basin – Pressure Area. The Los Angeles Central Basin slopes gently toward the south and is underlain by approximately 6,000 to 10,000 feet of marine and nonmarine sediments that have been deposited in the Los Angeles Basin since the Pliocene Epoch.

The Shultz facility is underlain by approximately 25 feet of recent alluvium, composed of unconsolidated sand and silt, that unconformably overlies the Lakewood Formation. In turn, the Lakewood Formation is underlain by the San Pedro Formation which attains a thickness of approximately 275 and 950 feet, respectively. Both formations are composed of marine and continental gravel, sand, sandy silt, and clay with shaly pebbles. The San Pedro Formation overlies the Pico

Formation, which is over 500 feet thick and is composed of partly consolidated marine gravel, sand, silt, and clay (CDWR, 1961)<sup>1</sup>.

During environmental investigations performed by MC<sup>2</sup> (2000<sup>2</sup> and 2003<sup>3</sup>) for another UST located approximately 250 feet to the northwest of the Site (at the parking lot situated immediately to the northeast of the Reisner Way cul-de-sac), the subsurface materials located from the surface to an approximate depth of 50 feet below ground surface (bgs) were grouped into the following six layers:

- Layer 1: Reinforced concrete or pavement (ground surface to a maximum depth of 1 to 2 feet bgs),
- Layer 2: Fine-grained silty and clayey sands and backfill debris (base of Layer 1 to approximately 15 feet bgs),
- Layer 3: Native silty and clayey fine-grained sands (base of Layer 2 to approximately 20 feet bgs),
- Layer 4: Native low to high plasticity, organic, laminated clay (base of Layer 3 to approximately 30 feet bgs),
- Layer 5: Native clayey, fine-grained sands and sandy clays (base of Layer 4 to approximately 45 feet bgs), and
- Layer 6: Native sandy clay (base of Layer 5 to a minimum of 50 feet bgs).

The investigation consisted of drilling four soil borings (B- 4 through B-7). The stratigraphic column encountered during MC<sup>2</sup> previous investigations near the Site (MC<sup>2</sup>, 2000 and 2003) agreed with that reported by GeoCon (1999)<sup>4</sup> to a depth of approximately 25 feet bgs, and, most importantly, with respect to the clay layer identified at approximately 20 feet bgs (Layer 4). The fine-grained, clean, well-sorted sand encountered by GeoCon (1999) at approximately 25 feet bgs and saturated at approximately 30 feet bgs was not encountered during MC<sup>2</sup> (2000) investigation.

In addition, Plates 8A and 9A of Bulletin 104 (CDWR, 1961) and the MC<sup>2</sup> (2000 and 2003) reports show the native soils (Layers 3 through 6) to be within the Bellflower aquiclude. The Bellflower aquiclude comprises all of the fine-grained sediments (i.e., clay- and silt-rich soils) that extend from the ground surface, or from the base of the semiperched aquifer, down to the first aquifer below. The semiperched aquifer, which is comprised of coarse sands and gravels, was not encountered during the investigation performed by MC<sup>2</sup> (2000 and 2003), nor during the removal of the UST under consideration.

Based on Plates 8A and 9A of Bulletin 104 (CDWR, 1961) and on an estimated Site elevation of approximately 100 feet, the Bellflower aquiclude beneath the Site is estimated to be approximately 115 feet thick.

### 1.2.3 Hydrogeology

No recent alluvium deposits nor the Bellflower aquifer were encountered at the Site. However, the Bellflower aquiclude was encountered during the drilling of soil borings performed by MC<sup>2</sup> (2000) and during the excavation of the UST under consideration.

Regionally, aquifers and aquicluides have been defined in the Recent alluvium and in the Lakewood and San Pedro Formations. The Exposition and Gage aquifers are reported to be part of the Lakewood Formation, whereas the San Pedro Formation is reported to include the Jefferson, Lynwood, Silverado, and Sunnyside aquifers. All of these aquifers are listed in order of increasing depth and are separated by different aquicluides. Plates 8A and 9A of Bulletin 104 (CDWR, 1961) show that the facility is located between the westerly and easterly arms of the Gaspar aquifer; thus, the Gaspar aquifer is not present beneath the Shultz facility. The same plates show the first regional water-bearing unit to be the Exposition aquifer and that the top of the Exposition aquifer is approximately 115 feet bgs in the vicinity of the Shultz facility. This is consistent with the estimated thickness of the Bellflower aquiclude (115 feet) at the Site and it supports the claim that the semiperched aquifer is not present beneath the Shultz facility.

<sup>1</sup> California Department of Water Resources, 1961, Planned Utilization of the Groundwater Basin of the Coastal Plain of Los Angeles County: Appendix A, Groundwater Geology, Southern California, Southern District.

<sup>2</sup> MC<sup>2</sup> Environmental Engineering Services, July 2000, Results of Additional Environmental Investigation, Shultz Steel Facility, 5321 Firestone Boulevard, South Gate, California.

<sup>3</sup> MC<sup>2</sup> Environmental Engineering Services, February 2003, Underground Storage Tank Removal, Shultz Steel Company, 100 Rayo Avenue, South Gate, California 90280.

<sup>4</sup> GeoCon Environmental Consultants, December 1999, Soil Investigation Report of Former Underground Storage Tank Location, Shultz Facility, 5321 Firestone Boulevard, South Gate, California.

The Site and regional hydrogeologic data suggest that the first water-bearing unit (the Exposition aquifer) may occur at beneath the Site at an approximate depth of 115 feet bgs.

As per MC<sup>2</sup> (2000) report, attempts to collect water samples were made at 20 locations (four borings times five depths). The only location from which a water sample could be obtained was that encountered in B-5 at a depth of 35 feet bgs. Several trips down-hole with a disposable bailer over an approximately 30-minute period were required to fill two 1-liter amber bottles and three 40-milliliter vials. The other 19 locations failed to yield water.

## 2.0 FIELD INVESTIGATION

On April 13, 2004, a LACDPW Tank Removal Permit was obtained by the Frize Corporation (Frize) on behalf of Shultz to remove one 10,000-gallon capacity diesel UST at the Shultz facility located at 5321 Firestone Boulevard, South Gate, California, 90280 (Appendix A).

On April 15, 2004, a MC<sup>2</sup> representative was on Site to observe Frize excavate and remove one 10,000-gallon capacity diesel UST serving the Shultz facility.

### 2.1 VOC MONITORING

During excavation activities conducted to expose the UST, MC<sup>2</sup> proficient personnel in the use of Photoionization Detector (PID) instruments monitored the excavated material and stockpiled soil for volatile organic compounds (VOCs) using such monitoring equipment. The PID was equipped with a 10.2-electron-volt ultraviolet lamp calibrated against a hexane standard. PID readings were taken at the soil-air interface (less than 3 inches above the soil surface) for approximately every 2 cubic yards (yd<sup>3</sup>) of material excavated. No VOC contaminated soil, PID readings equal or higher than 50 parts per million (ppm), was excavated. The excavated soil was stockpiled near the excavation area on the concrete slab.

### 2.2 UST REMOVAL

On April 15, 2004, the UST was purged of fluids and triple-washed by Nieto and Sons Trucking, Inc. (Nieto), a State-licensed hazardous waste management company, based in Yorba Linda, California. Nieto pumped and transported approximately 150 gallons of rinsate fluids from the 10,000-gallon UST to the DeNenno Kerdoon (DK) facility in Compton, California. The non RCRA hazardous waste liquid manifest form is presented in Appendix C. The lower explosive limit (LEL) was monitored using a combustible gas/oxygen meter to maintain a nonexplosive atmosphere within the excavation and the UST. The UST was certified to be clean and free of hydrocarbon (0 percent LEL) on April 15, 2004 by Mr. Stuart E. Salot, Certified Industrial Hygienist with CTL Environmental Services (Appendix D).

Mr. Ron Frize, Frize's representative, observed that all product lines to or from the UST were cut and plugged, and that the UST was removed from the excavation and visually inspected for leaks and other damage. The UST was free of any observable holes and displayed minimal corrosion to the sidewalls. The UST was placed in a flatbed truck and transported by Nieto as nonhazardous waste for disposal as scrap metal to Ecology Company, a metal recycling company based out of Terminal Island, California. The tank destruction certificate is presented in Appendix E.

### 2.3 SOIL SAMPLING

On April 15, 2004, three soil samples were collected (Figure 3 and Tables 1 and 2). One soil sample (S-1A) was collected at the bottom of the excavation (at 15.0 feet bgs), approximately 4.0 feet below the base of the UST. The second soil sample (S-2A) was collected to the east of the former UST location, at an approximate depth of 4.0 feet bgs. Finally, the third sample (S-3A) was collected directly underneath the former dispenser pump (approximate depth of 15.0 feet).

All soil samples were collected by a State of California Certified Hydrogeologist. Samples were placed in glass jars, monitored for organic vapors using PID, labeled, and submitted to a State-certified analytical laboratory under chain-of-custody protocol.

Therefore, existing environmental conditions at the excavation, prior to backfilling, are those represented by soil samples S-1A, and S-3A. Sample collection data are summarized in Table 1.

### 3.0 LABORATORY ANALYSIS AND RESULTS

On April 15, 2004, three soil samples were submitted under chain-of-custody protocol to Jones Environmental, Inc. (Jones) from Fullerton, California for chemical analysis. In order to comply with LACDPW's analytical testing protocol, all soil samples were analyzed for total recoverable petroleum hydrocarbons (TRPH) using EPA Method 418.1, total petroleum hydrocarbons (TPH-d) as diesel using modified EPA Method 8015, and for VOCs, including oxygenates using EPA Method 8060 (Table 2).

Detectable levels of TRPH and TPH-d were present in the excavation sample S-2A collected from an approximate depth of 4.0 feet. TRPH and TPH-d concentrations of 1,200 and 200 milligrams/kilogram (mg/kg), respectively, were detected in soil sample S-2A. VOCs concentrations were not detected in this sample above the Practical Quantitation Limits (PQL). The analytical laboratory reports for the two remaining soil samples (S-1A and S-3A), collected at the bottom of the excavation (15.0 feet), indicate that TRPH, TRH-d and VOCs concentrations were not detected above the PQL. The Analytical laboratory results are summarized in Table 2. The corresponding analytical laboratory report is presented in Appendix F.

### 4.0 EXCAVATION BACKFILLING

Backfilling of the UST excavation and replacement of the concrete slab was conducted by Fnze between April 16 and 18, 2004. Backfilling of the excavation was performed using the previously excavated silty clay (CL) soil and prior to MC<sup>2</sup> receiving the analytical results from the laboratory. Since field screening of excavated soil did not indicate that a portion of the soil was contaminated, the excavated soil was not segregated during excavation. Therefore, the excavated soil from an approximate depth of 4.0 feet, for which the analytical laboratory reported detectable levels of TRPH and TPH-d, was also used as backfill.

As a result, an additional subsurface investigation was necessary at the Site to determine the presence of contaminants.

### 5.0 ADDITIONAL SUBSURFACE INVESTIGATION

#### 5.1 ADDITIONAL SOIL SAMPLING

The purpose of the additional subsurface investigation was to determine the presence of potential contaminants in the backfill of the UST excavation and any potential impacts that the use of the backfill may have had at a depth beyond that of the excavation.

The primary components of the additional subsurface investigation included the collection of soil samples at eight (8) boring locations (B-1 through B-8) at depths of 5.0, 10.0, and 19.5 feet bgs. In addition, a continuous core soil boring (B-5) was advanced to establish a continuous soils stratigraphy record to a total depth of 20.0 feet bgs.

The additional soil sampling was conducted on March 1, 2006. The approximate locations of the soil borings are shown in Figure 4. The soil borings were located in the field utilizing a cloth tape and constructive elements at the Site vicinity. Therefore, the locations should be considered accurate only to the degree implied by the method used.

MC<sup>2</sup> provided technical oversight of all drilling and soil sampling as well as observing the actual procedures used. MC<sup>2</sup> ensured that the Health and Safety Plan was adhered to by all employees working within the designated work area.

Prior to commencement of the field operations, each boring location was marked in the field in accordance with USA requirements. USA was notified a minimum of 48 hours in advance of operations in order to clear the boring locations

for possible conflicts with underground utilities. After utility clearance, eight (8) soil borings were advanced by using a hydraulically actuated, truck-mounted, mobile Geoprobe 4200 rig operated by InterPhase Environmental, Inc., based in Los Angeles, California.

Soil boring location B-5 was continuously soil sampled. The Geoprobe 4200 rig equipped with nominal 1.75-inch outside diameter casing rods was used for this purpose. The acetate lined casing rod was hydraulically advanced into the subsurface in 4-foot segments. The soil borings was advanced to an approximate total depth of 20.0 feet bgs, or 5.0 feet below the bottom of the former excavation. The approximately 1.75-inch diameter acetate sleeve samples were subsequently cut open to expose the soil cores. The soils were classified in accordance with the Unified Soils Classification System (USCS) and assigned a group name and symbol. In addition to the group name and symbol, additional descriptive information such as color, moisture condition, consistency of fine-grained/relative density of coarse-grained soils, plasticity of fines, grain size distribution, maximum particle size, and stratification were included in the log descriptions. The descriptions also included notations on visual and olfactory indications (staining and hydrocarbon odor) of soil contamination. Each boring was logged and the soil sampling handled by a State of California Certified Hydrogeologist.

The remaining seven (7) soil boring locations were soil sampled only at target depths of 5.0, 10.0 and 19.5 feet bgs, or up to 5.0 feet below the bottom of the former excavation, utilizing the same equipment and methods described above.

Groundwater was not encountered in any of the soil borings.

All drilling equipment was thoroughly decontaminated prior to use and between drilling locations to avoid cross contamination. All samplers utilized latex gloves or equivalent. Gloves were changed between each sample. The drilling equipment used was washed with Alconox™ and potable water followed by two rinses with potable water. Sufficient time was allowed for the equipment to dry prior to reuse.

The water generated during equipment decontamination and sampling, in addition to all soil cuttings, were stored in labeled 55-gallon DOT-approved steel drums at a nearby drum storage area. The drums were labeled with the contents, date, company name, and contact name and phone number. The drums were also identified as environmental field investigation derived waste pending analytical testing prior to classification. Subsequently, the water and soil cuttings were disposed off-site based on the corresponding analytical test results. Disposal procedures, including disposal facilities, transportation and manifesting, are documented in the project files.

At the conclusion of the soil sampling activities, all soil borings were backfilled with hydrated bentonite chips and the surface was finished with concrete.

The soil boring log for B-5 is included in Appendix G. Table 3 presents a summary of the additional soil sampling field investigation at the Site. Table 4 lists the number and location of the soil gas samples, as well as the field screening data collected.

## 5.2 ADDITIONAL ANALYTICAL TESTING AND RESULTS

On March 1, 2006, two (2) soil samples per soil boring, for a total of sixteen (16) were submitted under chain-of-custody protocol to Jones for chemical analysis. In order to comply with LACDPW's analytical testing protocol, all soil samples were analyzed for carbon change range using modified EPA Method 8015 and for VOCs, including oxygenates, using EPA Method 8260B. Tables 5 and 6 present the carbon change range and VOCs concentrations, respectively, measured in the soil samples analyzed.

No detectable levels of TPH (carbon change range) were reported by the analytical laboratory for any of the soil samples analyzed. Carbon tetrachloride was the only VOC compound detected by the analytical laboratory. A carbon tetrachloride concentration of 8.8 micrograms/kilogram ( $\mu\text{g}/\text{kg}$ ) was detected in soil sample B-5 at a depth of 19.5 – 20.0 feet bgs. Carbon tetrachloride was not detected in any of the remaining fifteen (15) soil samples.

The Analytical laboratory results are summarized in Tables 5 and 6. The corresponding analytical laboratory report is presented in Appendix H.1 and H.2.

US Environmental Protection Agency – Region 9 Preliminary Remedial Goals (EPA-PRGs)<sup>5</sup> for carbon tetrachloride is 550 µg/kg (industrial sites), several orders of magnitude higher than the 8.8 µg/kg measured at only one (1) of sixteen (16) soil samples analyzed.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical laboratory results indicate that hydrocarbon-bearing soil with TPH and VOCs exceeding EPA-PRGs guidelines are not present at the UST excavation to an approximate depth of 20.0 feet bgs.

It is the opinion of MC<sup>2</sup> that the results reported herein are representative of the conditions existing at the Site and that no further action is necessary at the Site.

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<sup>5</sup> United States Environmental Protection Agency, Region 9, October 2004, Preliminary Remedial Goals (PRGs).

## TABLES

**Table 1. 2004 Sample Collection Data**  
**Shultz Steel Company**  
**5321 Firestone Boulevard, South Gate, California**

Sample Number	Date Sampled	Location*	Depth (feet bgs)	PID/Odor	Soil Sample Description
S-1A		West end of tank	15.0	0/No	Silty clay
S-2A	4/15/2004	East end of tank	4.0	0/No	Silty clay
S-3A		Under dispenser pump (north end)	15.0	0/No	Silty clay

Notes:

\* See Figure 3

(bgs) = below grade surface

No = No hydrocarbon odors detected

PID = Photoionization detector readings in parts per million (ppm)

**Table 2. 2004 Laboratory Results of Soil Analysis (mg/kg)**  
**Shultz Steel Company**  
**5321 Firestone Boulevard, South Gate, California**

	Date Sampled	EPA 418.1	Modified EPA Method 8015	EPA Method 8260B
Sample Number		Total Recoverable Petroleum Hydrocarbons	Total Petroleum Hydrocarbons as Diesel	Volatile Organics by GC/MS & Oxygenates
S-1A		(10)	(10)	(1.0)
S-2A	4/15/2004	1,200	280	(1.0)
S-3A		(10)	(10)	(1.0)

Notes:  
mg/kg  
(10)  
S-16

= Soil concentrations reported in milligrams per kilogram (mg/kg) or parts per million (ppm)

= Indicates not detected above Practical Quantitation Limits

= Bold rows indicate soil samples collected at the bottom or at the walls of the UST excavation. Bold and italics indicates only concentration that exceeded CMRPG. $\mu$

**Table 3. 2006 Summary of Soil Boring Characteristics, Shultz Steel Company,  
South Gate, California.**

<b>Soil Boring Number</b>	<b>Date Soil Boring Drilled</b>	<b>Depth of Soil Boring (fbgs)</b>	<b>Borehole Diameter (inches)</b>	<b>Date Borehole Backfilled</b>	<b>Geologic Unit</b>
B-1					
B-2					
B-3					
B-4					
B-5					
B-6					
B-7					
B-8					

**NOTES:**

fbgs - Feet Below Ground Surface

Table 4. 2006 Photoionization Detector Field Screening, Shultz Steel Company,  
South Gate, California.

Soil Boring Number	Sample Depth (feet bgs)	Date Sampled	PID READINGS (PPM)		REMARKS
			SAMPLE	BOREHOLE	
B-1	5.0 - 5.5	3/1/2006	0		
	10.0 - 10.5		0	0	
	19.5 - 20.0		0		
B-2	5.0 - 5.5	3/1/2006	0		
	10.0 - 10.5		0	0	
	19.5 - 20.0		0		
B-3	5.0 - 5.5	3/1/2006	0		
	10.0 - 10.5		0	0	
	19.5 - 20.0		0		
B-4	5.0 - 5.5	3/1/2006	0		
	10.0 - 10.5		0	0	
	19.5 - 20.0		0		
B-5	10.0 - 10.5	3/1/2006	0		CONTINUOUS CORE
	19.5 - 20.0		0	0	
B-6	10.0 - 10.5	3/1/2006	0		
	19.5 - 20.0		0	0	
B-7	10.0 - 10.5	3/1/2006	0		
	19.5 - 20.0		0	3	
B-8	10.0 - 10.5	3/1/2006	0		
	19.5 - 20.0		0	0	

NOTES:

PID - Photoionization Detector

PPM - Parts Per Million

TEPH-d - Total Extractable Petroleum Hydrocarbons as diesel.

bgs - Below Ground Surface

Table 5. 2006 Carbon Chain Range Concentrations in Soil Samples Collected at the Former UST Area, Shultz Steel Company, South Gate, California.

Date Sampled:	3/1/2006																		EPA Method	Units	PQL
Analyte:	B-1 10-10.5'	B-1 19.5-20'	B-2 10-10.5'	B-2 19.5-20.0'	B-3 10-10.5'	B-3 19.5-20'	B-4 10-10.5'	B-4 19.5-20.0'	B-5 10-10.5'	B-5 19.5-20'	B-6 10-10.5'	B-6 19.5-20.0'	B-7 10-10.5'	B-7 19.5-20'	B-8 10-10.5'	B-8 19.5-20.0'					
C6 - C7	ND	ND	ND	ND	ND	8015 Diesel Modified	mg/kg	10													
C8 - C9	ND	ND	ND	ND	ND																
C10 - C11	ND	ND	ND	ND	ND																
C12 - C13	ND	ND	ND	ND	ND																
C14 - C15	ND	ND	ND	ND	ND																
C16 - C17	ND	ND	ND	ND	ND																
C18 - C19	ND	ND	ND	ND	ND																
C20 - C23	ND	ND	ND	ND	ND																
C24 - C27	ND	ND	ND	ND	ND																
C28 - C31	ND	ND	ND	ND	ND																
C32 - C35	ND	ND	ND	ND	ND																
C36 - C39	ND	ND	ND	ND	ND																
C40 - C43	ND	ND	ND	ND	ND																
C44 +	ND	ND	ND	ND	ND																
TOTAL:	ND	ND	ND	ND	ND																

NOTES:

mg/kg - Milligrams per Kilogram

PQL - Practical Quantitation Limit

ND - Results listed as Not Detected would have been reported if present at or above the listed PQL

California Water Quality Control Board - Los Angeles Region's Maximum TPH Soil Screening Level and a 20-foot distance above the highest anticipated water level, which is the most restrictive CARWQCB-LA - condition. However, for areas of naturally-occurring hydrocarbons

Table 6. 2006 VOCs Concentrations in Soil Samples Collected at the Former UST Area, Shultz Steel Company, South Gate, California.

Date Sampled:	3/1/2006																EPA Method	Units	PQL		
	Soil Sample Number																				
Analyte:	B-1 10-10.5'	B-1 19.5-20'	B-2 10-10.5'	B-2 19.5-20.0'	B-3 10-10.5'	B-3 19.5-20'	B-4 10-10.5'	B-4 19.5-20.0'	B-5 10-10.5'	B-5 19.5-20'	B-6 10-10.5'	B-6 19.5-20.0'	B-7 10-10.5'	B-7 19.5-20'	B-8 10-10.5'	B-8 19.5-20.0'					
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.8	ND	ND	ND	ND	ND	ND	8260B / 5035	ug/kg	1.0		

NOTES:

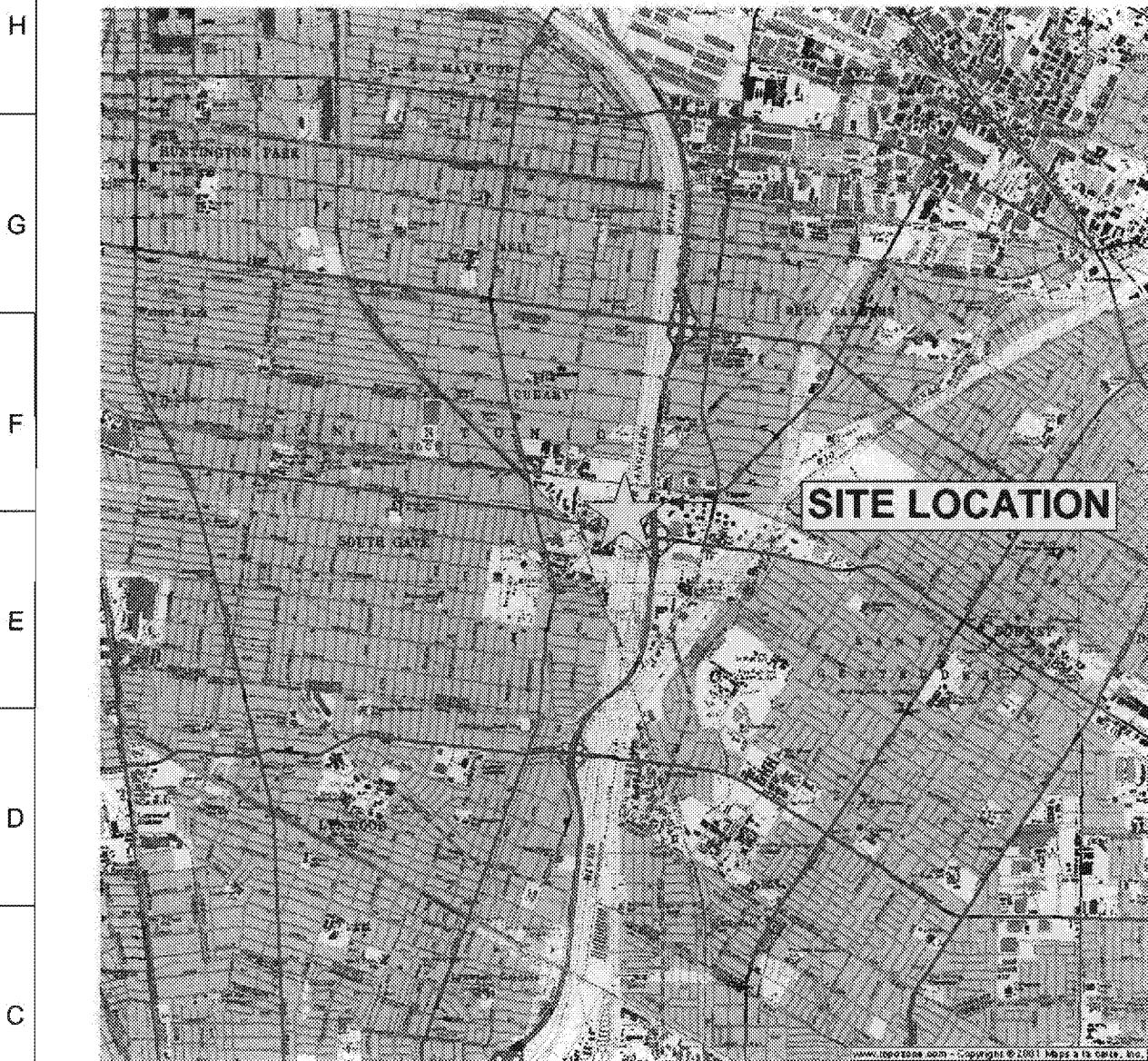
ug/kg - Micrograms per Kilogram

PQL - Practical Quantitation Limit

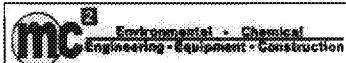
ND - Results listed as Not Detected would have been reported if present at or above the listed PQL.

## **FIGURES**

8 7 6 5 4 3 2 1



B  
C  
D  
E  
F  
G  
H



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FIGURE 1: SITE LOCATION MAP

SHULTZ STEEL COMPANY  
5321 EAST FIRESTONE BOULEVARD  
SOUTH GATE, CALIFORNIA 90280

UST Removal

SIZE	FSCM NO	DWG NO		REV
A	1.0	FIGURE 1		A

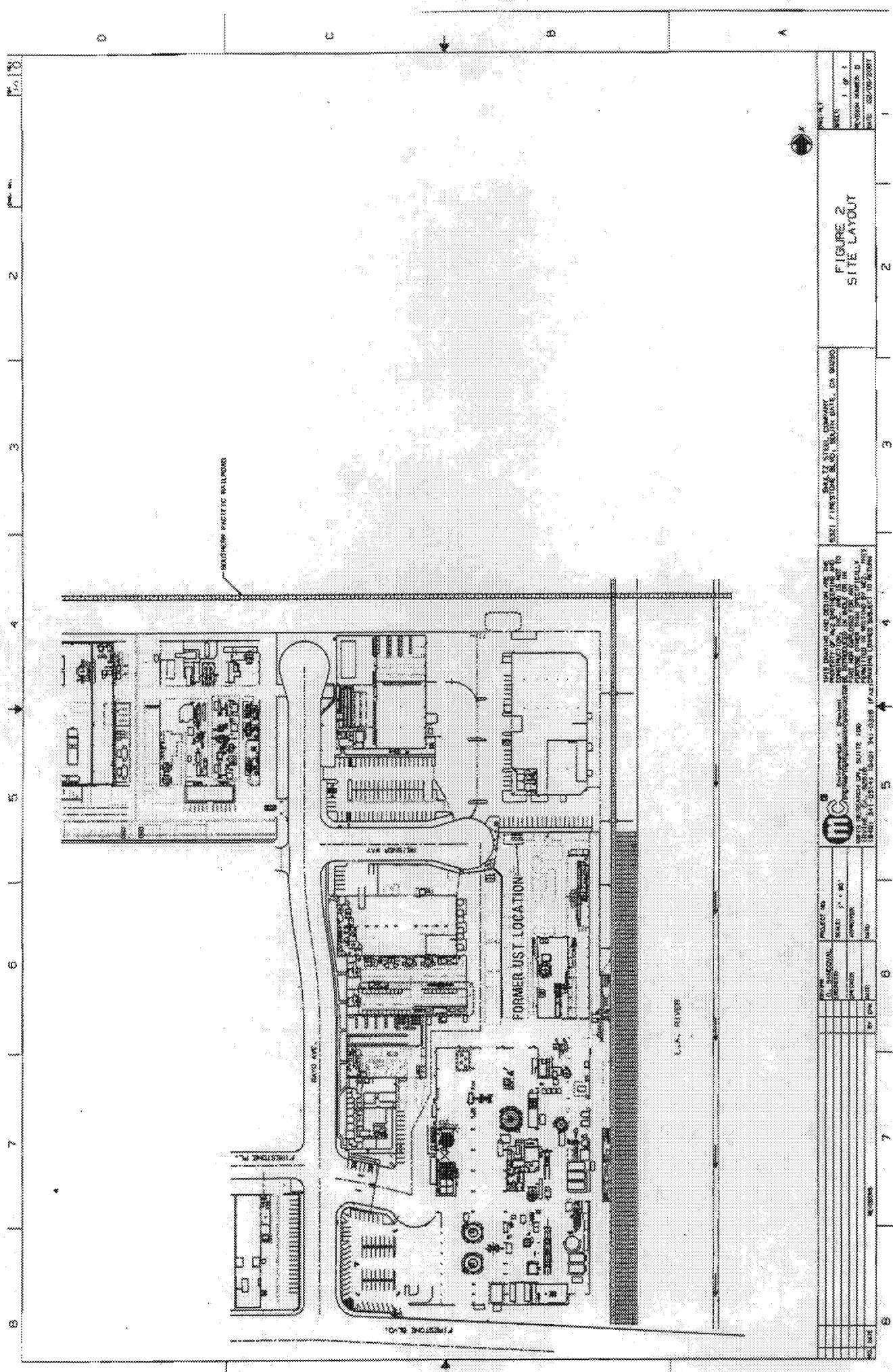
Matthew McCullough, P.E.

SCALE	NTS	SHEET	-

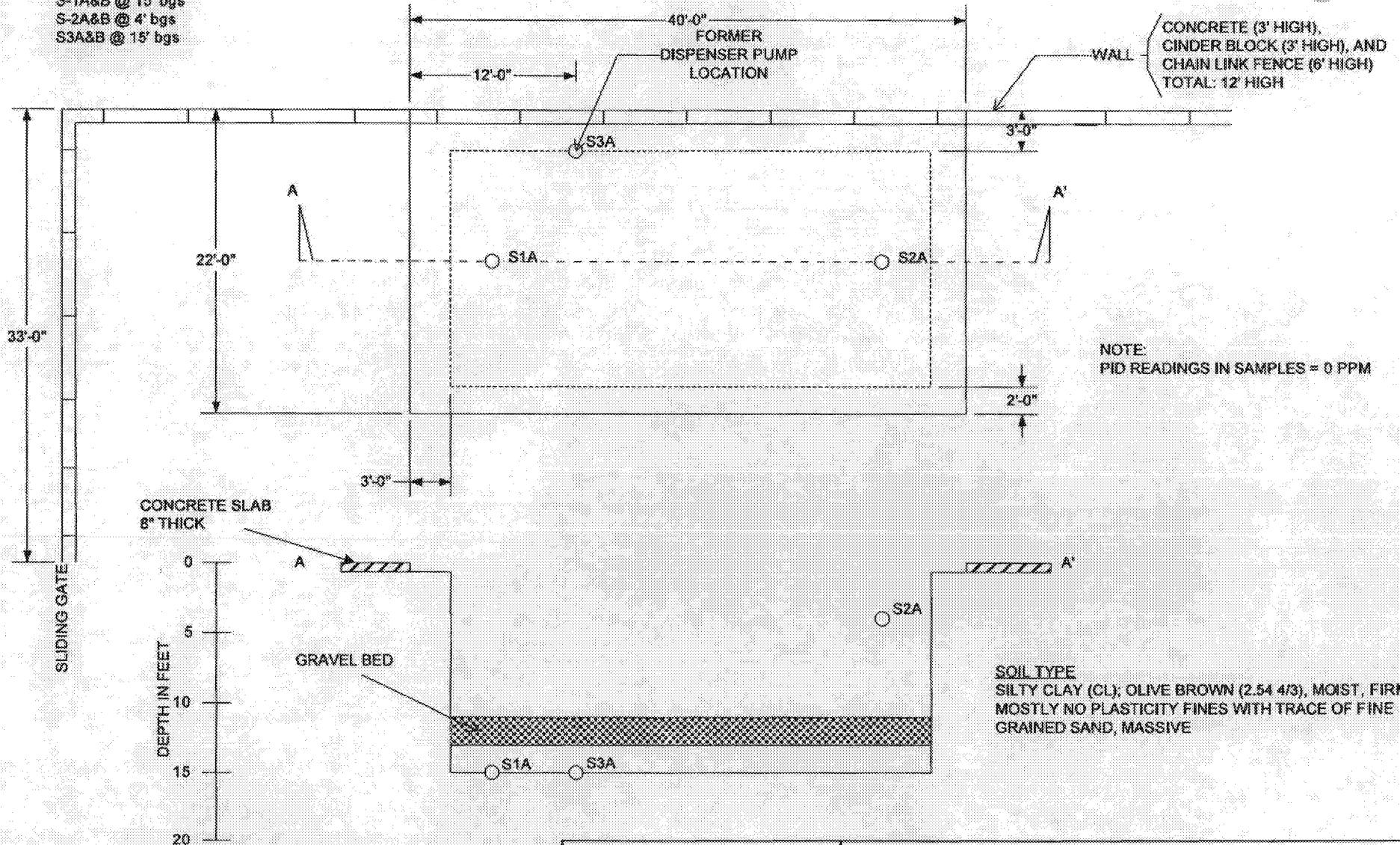
8 7 6 5 4 3 2 1

A  
B  
C  
D  
E  
F  
G  
H

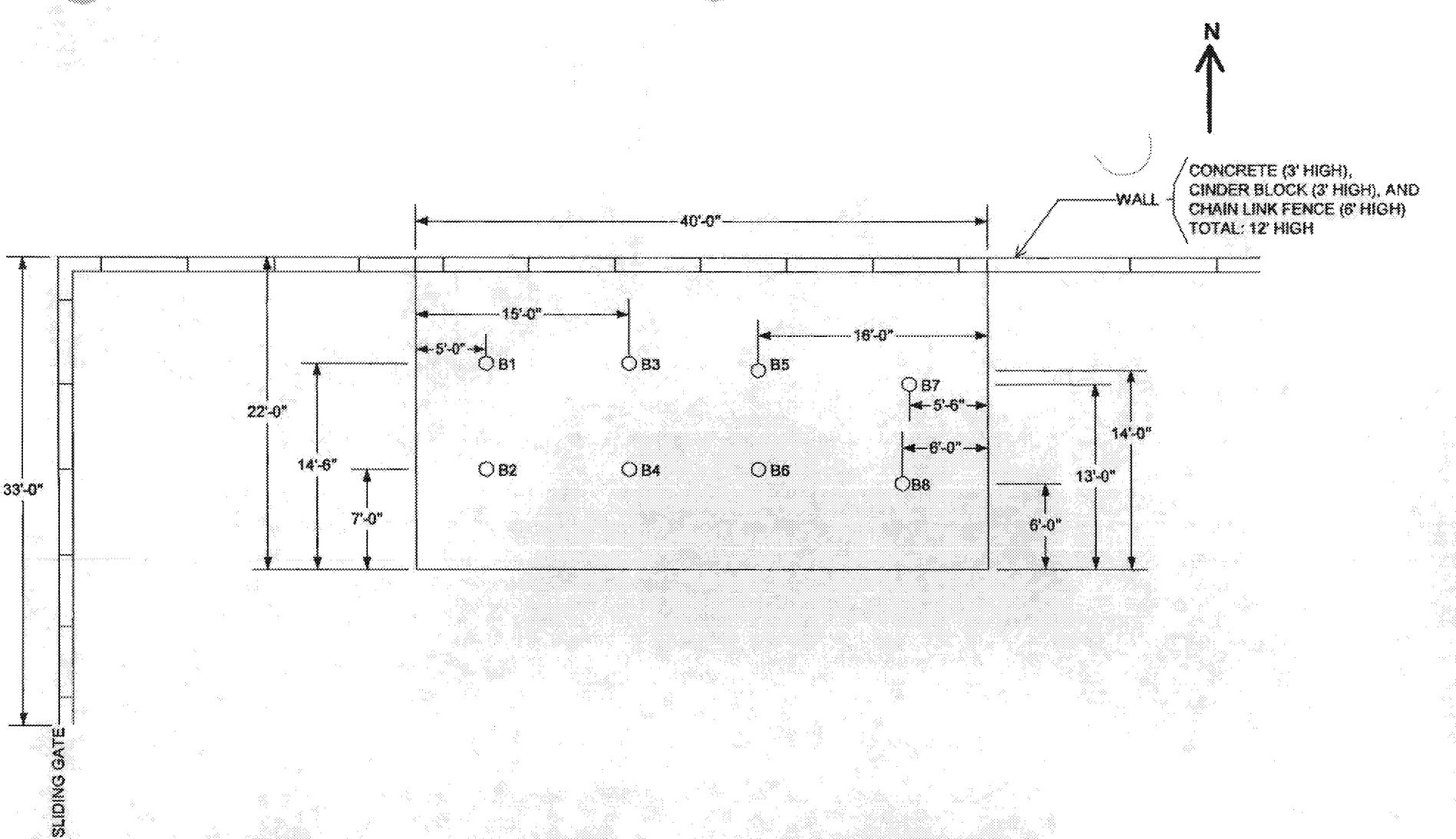
A



S-1A&B @ 15' bgs  
S-2A&B @ 4' bgs  
S3A&B @ 15' bgs



Underground Tank Removal Shultz Steel Company 5321 East Firestone Blvd Southgate, California		<b>mc<sup>2</sup></b> Environmental • Chemical Engineering • Equipment • Construction		
Cross Section with 2004 Sample Locations				
DATE	SIZE	FSQM NO	DWG NO	REV
2/6/2007	A			1
FILENAME	SCALE	REVISED	FIGURE	3
FIGURES 020807.VSD	1in = 10ft. 0in.	2/9/2007		



<p>Underground Tank Removal Shultz Steel Company 5321 East Firestone Blvd Southgate, California</p>		<p><b>mc²</b> Environmental • Chemical Engineering • Equipment • Construction</p>		
<p>2006 Soil Boring Locations</p>				
DATE	SIZE A	FSCM NO	DWG NO	REV
2/6/2007				1
FILENAME	SCALE 1in = 10ft. 0in.	REVISED 2/6/2007	FIGURE 4	
FIGURES 020807.VSD				

**APPENDIX A**

**COUNTY OF LOS ANGELES TANK CLOSURE PERMIT**

CLOSURE PERMIT SUPPLEMENT  
HAZARDOUS MATERIALS UNDERGROUND STORAGE  
LOS ANGELES COUNTY  
DEPARTMENT OF PUBLIC WORKS  
WASTE MANAGEMENT DIVISION  
900 S. FREMONT AVENUE  
ALHAMBRA, CA 91803

Closure Permit  
No.: 100-3  
File No.  
I- 100-3

PART 1 OF 2

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.
2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
SP 28	0-6 inches	THBTX	SLM 13264B
SP 29	0-6 inches	THBTX	
SP 30	0-6 inches	THBTX	
SP 31	0-6 inches	THBTX	
SP 32	0-6 inches	THBTX	
SP 33	0-6 inches	THBTX	
SP 34	0-6 inches	THBTX	
SP 35	0-6 inches	THBTX	
SP 36	0-6 inches	THBTX	
SP 37	0-6 inches	THBTX	
SP 38	0-6 inches	THBTX	
SP 39	0-6 inches	THBTX	
SP 40	0-6 inches	THBTX	
SP 41	0-6 inches	THBTX	
SP 42	0-6 inches	THBTX	
SP 43	0-6 inches	THBTX	
SP 44	0-6 inches	THBTX	
SP 45	0-6 inches	THBTX	
SP 46	0-6 inches	THBTX	
SP 47	0-6 inches	THBTX	
SP 48	0-6 inches	THBTX	
SP 49	0-6 inches	THBTX	
SP 50	0-6 inches	THBTX	
SP 51	0-6 inches	THBTX	
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SP 92	0-6 inches	THBTX	
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SP 336	0-6 inches		

FILE: 011626-011678 L.A. COUNTY DEPARTMENT OF PUBLIC WORKS RUN DATE: 04/13/04

REC: A000410838

FEE RECEIPT FOR

RUN TIME: 13:51:40

CLOSURE BY REMOVAL

REPT: PWC225

RECEIVED FROM: SHULTZ STEEL COMPANY

ADDRESS: 5321 E FIRESTONE BLVD  
SOUTH GATE, CA 90280

AMOUNT PAID: \$357.00

PAYMENT TYPE: OVER THE COUNTER CASH

DATE PAID: 04/13/04

DEPOSIT DATE: 04/13/04

REF #: 040413999

PAYOR/COMMENTS: MC2 ENGINEERING AND CONSTRUCTI

RCPT #: 4000003369

AREA: CITY OF SOUTH GATE

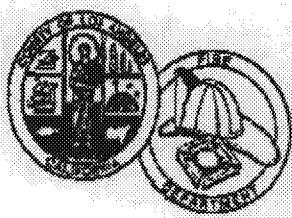
THIS SERVES AS AN AUTHORIZATION TO CLOSE AND/OR REMOVE THE TANKS LISTED BELOW SUBJECT TO THE ATTACHED REQUIREMENTS.

TANK#	TANK CONTENTS	OWNER TANK #	TANK CAPACITY
003	DIESEL	3	10000 GAL

RECEIVED BY: IHEANACHO OFO

**APPENDIX B**

**COUNTY OF LOS ANGELES FIRE DEPARTMENT TANK REMOVAL**



## COUNTY OF LOS ANGELES

### FIRE DEPARTMENT

FIRE PREVENTION DIVISION, AREA 6 UNIT  
 6231 Rickenbacker Road  
 Commerce, CA 90040

## TANK REMOVAL PERMIT

December 17, 2003  
 log)

Permit No. (from

3248T

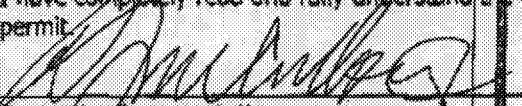
Tank Site Occupant Name	Telephone No.
Shultz Steel Co.	323-564-3281
Tank Site Address	City
53-21 Firestone Blvd.	South Gate, Ca.
Name of Contractor	License No.
W.M. CONSTRUCTION	A 793215 HA 3
Address	Telephone No.
355 N Sheridan St Ste 909 7399593 - 909515A90 COPONA (909) 222-103	Cell

**FIRE DEPARTMENT APPROVAL TO REMOVE UNDERGROUND TANK(S) WILL BE GRANTED UNDER SECTION 105.8.f.3.6 AND ARTICLE 79 OF THE FIRE CODE UNDER THE FOLLOWING CONDITIONS:**

1. Provide documentation of permit from the Los Angeles County, Department of Public Works.
2. Provide a documentation of permit from other agencies as required.
3. Number of tanks to be removed.  Site log for each.
4. Site log shall be accurately maintained for each tank and available for review by inspector on request.
5. Current tank removal procedures in Regulation #22 have been read and understood by permittee and the tank(s) shall be handled as follows:
  - Not cleaned
  - Cleaned
  - Abandoned in place
6. The following sequence is recommended to insure prompt and successful removal inspections:
  - a. Contact the Department of Public Works and make arrangements for an inspection date and time.
  - b. Contact the local Fire Prevention Division office, at least 48 hours before removal, for date and time approval.
7. Complete tank removal verification and site log for each tank removed and deliver to the local Fire Prevention Division Inspector.

**THIS PERMIT IS NON-TRANSFERABLE AND IS GRANTED ONLY FOR SITE INDICATED ABOVE AND MAY BE REVOKED FOR FAILURE TO COMPLY WITH THE FIRE DEPARTMENT REGULATIONS OR THE ITEMS LISTED ABOVE.**

I have completely read and fully understand the foregoing Fire Department requirements and warnings that apply to this permit.

  
 Contractor Representative  
 Form Tank Removal Permit (08-01-97)

  
 Fire Department Representative

## ATTENTION CONTRACTOR

### NOTIFICATION/PERMIT REQUIREMENTS

This Closure Authorization is issued subject to compliance with all applicable laws and regulations relating to the performance of work including, but not limited to, business license requirements, Building Codes, Fire Codes, Air Quality regulations, Health and Safety Codes, Water Codes, and Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Materials Underground Storage Closure Authorization, you are required to complete ALL of the agency notifications indicated below within the time period specified prior to commencement of work on this closure.

72 HOURS - DEPARTMENT OF PUBLIC WORKS INDUSTRIAL WASTE ENGINEERING INSPECTOR

>>>Unless otherwise noted DPW inspectors are available at the following offices.  
Monday through Friday, between 8 a.m. and 9:30 a.m. ONLY.<<<

- WHITTIER AREA - (562) 906-8426  
13523 E. Telegraph Rd., Whittier, CA 90605-3437
- CENTINELA VALLEY AREA - (310) 534-4862 or 534-4859  
24320 S. Narbonne Ave., Lomita, CA 90717-1194
- LENNOX AREA - (310) 534-4862 or 534-4859  
24320 S. Narbonne Ave., Lomita, CA 90717-1194
- SAN GABRIEL VALLEY AREA - (626) 574-0962  
125 S. Baldwin Ave., Arcadia, CA 91007-2652
- SAN DIMAS AREA - (626) 574-0962  
125 S. Baldwin Ave., Arcadia, CA 91007-2652
- EAST LOS ANGELES AREA - (323) 260-3466  
5119 E. Beverly Blvd., Los Angeles, CA 90022-3801
- CITY OF COMMERCE - (323) 857-4456  
2535 Commerce Way, Commerce, CA 90040-1487
- NEWHALL AREA - (661) 222-2953  
23757 W. Valencia Blvd., Santa Clarita, CA 91355-2192

Inspection Locations  
Permitting  
Comments

48 HOURS (OR AS REQUIRED) - LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

- City of \_\_\_\_\_

- Los Angeles County Fire Department *(323) 603-5257*

24 HOURS - SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Telephone: (909) 396-2326  
Fax: (909) 396-3342

COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED.

CITY SERVES AS BUILDING OFFICIAL.

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS, AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

**APPENDIX C**

**RINSATE DISPOSAL MANIFEST**

See Instructions on back of page 6.

Department of Toxic Substances Control  
Sacramento, California

Information in the crossed areas  
is not required by federal law.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

3. Generator's Name and Mailing Address

SCHUCO 12 STEEL  
5321 E. FIRESTONE BLVD.  
SOUTH GATE, CA 90280

4. Generator's Phone (323) 564-3281

5. Transporter's Company Name

Mieto and Sons Trucking, Inc. D A T C S S P A S 1 0 6

6. Transporter's Company Name

6. US EPA ID Number

7. Transporter's Facility Name and Site Address  
MICHIGAN WELLS  
2000 N. Alameda Street  
Compton, CA 90222

7. US EPA ID Number

C A P S S S A 3 3 5

11. US DOT Description (including Proper Shipping Name, Hazard Class, and C Number)

12. Contaminants

No

Type

13. Total

Quantity

Weight

14. Waste Number

56821

NON RCRA HAZARDOUS WASTE LIQUID

15. Non-RCRA  
Hazardous

No

Type

Yes

**APPENDIX D**

**TANK CERTIFICATION REPORT**



## TANK CERTIFICATION REPORT

CTL ENVIRONMENTAL SERVICES  
24404 S. Vermont Avenue, #307  
Harbor City, CA 90710  
TEL: (310) 530-5006

TANK REMOVAL CERTIFICATE # 07325  
Date 4/15/04  
Permit #: 4107838  
Site: Schulte Stree/  
Address of tank: 5321 E Firestone Bl.  
Southgate, CA  
Client: NAST

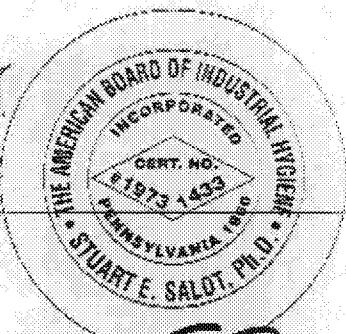
The tank(s) described above has/have been inspected and found to be gas free based on readings obtained with an MSA type 2A Explosivity Meter (LEL of zero percent). A visual inspection has been made of the interior of the tank(s) and no visible contamination has been observed except as noted below.

## exception

Not accessible for visual inspection

The tank(s) described above is/are approved for removal and transportation.

Not certified for Hot Work



CERTIFIED BY: STUART E. SALOT, PH.D., C.I.H.  
CERTIFIED INDUSTRIAL HYGIENIST (#1973 & 1433)

INSPECTED BY:

## Clinicology

**APPENDIX E**

**TANK DISPOSAL FORM**

# NIETO & SONS TRUCKING, INC.

License # 673812

1251 Brea Canyon Road • Brea, CA 92821

Mail Address: P.O. Box 760 • Yorba Linda, CA 92685-0760

(714) 990-6855 • Fax (714) 990-4882

## DAILY TICKET

DT 02001

JOB

DATE

4/15/04

Su M Tu W Th F Sa

CUSTOMER <i>Euze Corp</i>	ORDER DATE 4-6-04	ORDER TIME	PO NUMBER
ORDERED BY <i>Tia Euze</i>	TELEPHONE	JOB SITE NAME - ADDRESS WITH CROSS STREETS <i>Schultz Stree</i>	
ADDRESS <i>2030 La Plaza Court, Brea, CA 92821</i>		<i>5321 E Fullerton Ave</i>	
		<i>South Gate - Once 205-5-3</i>	
		<i>Farm com off R-1 snow Way</i>	
DRIVER <i>C. J. Garcia</i>	TRUCK NO 240	TRAILER 354	HELPER # Carlos Sanchez Jorge U. 181
			VEHICLES
ON SITE AT <i>8:30 AM</i>	TRUCK NO 240	TRAILER 354	START TIME <i>129 7AM</i>

TANKS	Contents	Contents	Contents
100 Diesel	FG Steel E or PE ✓	FG Steel E or PE ✓	FG Steel E or PE ✓
100 Diesel	FG Steel E or PE ✓	FG Steel E or PE ✓	FG Steel E or PE ✓
100 Diesel	FG Steel E or PE ✓	FG Steel E or PE ✓	FG Steel E or PE ✓

Any excess fluid in tanks? YES  NO  If yes, what and how much?

Wheels required YES  NO  If yes, A/C & fuel built by NIETO CLIENT Water on site YES  NO *Tank has 2 pressure valves*

Crane required YES  NO  If yes, client by NIETO CLIENT C-71 On site 10 min Date on site 10 day YES  NO VM  
Crane operator Day #  
Crane time Date  
YES  NO

Backhoe required YES  NO  If yes, Day Date  
YES  NO

Tank supplied by CLIENT'S EXCAVATOR NIETO 12' X 12' X 10' DUMP TRAILER NIETO 14' X 14' X 10' DUMP TRAILER HYDRAULIC

Hydro crane by NIETO CLIENT Hydro crane capacity C-200 Crane schwartz YES  NO

Tank pull time 10 AM - 11 AM Crane pull time 10:15 AM Tank pull date To Day

Tanks hauled by NIETO CLIENT Ecology T/A 100% On site FLATBED DUMP DECK & PERMIT SIGNS

On site required YES  No by NIETO CLIENT Picked up by WASH CREW TRACTOR TRAILER

Type of truck Spec CS Pounds CS Block CS Amount \$ CS %

TYPE OF TRUCK	SPEC	CS	POUNDS	CS	BLOCK	CS	AMOUNT	\$	CS %	CS %	DELAYS ON SITE	TOTAL HOURS
YARD DEPART	JOBSITE	START WORK	ON SITE REPORT	STOP WORK	YARD DEPART	YARD ARRIVE	DELAYS ON SITE					

7 AM 8:30 8:30 10:15 10:15 FG Steel E or PE #2 ✓ FG Steel E or PE #3 ✓ FG Steel E or PE

FG Steel E or PE #4 ✓ FG Steel E or PE #5 ✓ FG Steel E or PE

Number 23419362 Gobos EXCESS FUEL ON SITE YES  NO  HOW MUCH?

Total Gobos less than 12.00/ft 12.00/ft Driv Driv

NOTES

DRIVER SIGNATURE <i>Hillard Hause</i>	TRUCK NO. 240 354	CUSTOMER SIGNATURE <i>X - Hillard Hause</i>	DATE
--	----------------------	--	------

*Frize  
36848*

## **CERTIFICATE OF DESTRUCTION**

**ECOLOGY AUTO PARTS  
13780 E. IMPERIAL HWY  
SANTA FE SPRINGS, CA 90670  
(562)404-8683**

**COMPANY NAME: SCHULTZ STEEL**

**ADDRESS: 5321 E. FIRESTONE BLVD  
SOUTH GATE, CA**

**DESCRIPTION: 1-10,000 GALLON STEEL TANK**

**UNDERGROUND STORAGE TANK(S )  
HAVE BEEN SCRAPPED, CRUSHED AND DESTROYED AT  
ECOLOGY AUTO PARTS  
SANTA FE SPRINGS, CA.  
ON: 04/16/04**

**SIGNATURE: Barbara Medrano**  
**TITLE: MANAGER/BARBARA MEDRANO**  
**DATE: 04/26/04**

**APPENDIX F**

**2004 LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORM**

JONES ENVIRONMENTAL

LABORATORY REPORT

Client: MC Squared  
Client Address: 355 N. Sheridan, Suite 103  
Corona, CA 92880

Report Date: 04/19/04  
JEL Ref. No.: ST-1219  
Client Ref. No.:

Attn: Matt McCullough

Date Sampled: 04/15/04  
Date Received: 04/15/04  
Date Analyzed: 04/15/04  
Physical State: Soil

Project: Shultz Steel  
Project Address: South Gate, CA

ANALYSES REQUESTED

1. EPA 418.1 - Total Recoverable Petroleum Hydrocarbons
2. Mod 8015 Diesel - Semi-Volatile Hydrocarbons
3. EPA 5035B-8260B- Volatile Organics by GC/MS - Oxygenates

Approval: \_\_\_\_\_

Steve Jones, Ph.D.  
Laboratory Manager

**JONES ENVIRONMENTAL****LABORATORY RESULTS**

<b>Client:</b>	MC Squared	<b>Report Date:</b>	04/19/04
<b>Client Address:</b>	355 N. Sheridan, Suite 103	<b>JEL Ref. No.:</b>	ST-1219
	Corona, CA 92880	<b>Client Ref. No.:</b>	
<b>Attn:</b>	Matt McCullough	<b>Date Sampled:</b>	04/15/04
<b>Project:</b>	Shultz Steel	<b>Date Received:</b>	04/15/04
<b>Project Address:</b>	South Gate, CA	<b>Date Analyzed:</b>	04/15/04
		<b>Physical State:</b>	Soil

---

**EPA 418.1 - Total Recoverable Petroleum Hydrocarbons**

<u>Sample ID</u>	<u>Concentration (mg/Kg)</u>	<u>Dilution Factor</u>	<u>Practical Quantitation Limits</u>
S1A	ND	1	10
S2A	1200	1	20
S3A	ND	1	10

ND = Not Detected

**QUALITY CONTROL INFORMATION****EPA 418.1 - Total Recoverable Petroleum Hydrocarbons**

Sample Spiked: 2004059

<u>Parameter</u>	<u>MS Recovery</u>	<u>MSD Recovery</u>	<u>RPD</u>	<u>Acceptability Range</u>
Diesel	100%	97%	3.0%	65 - 125%

Method Blank = Not Detected

MS = Matrix Spike

MSD = Matrix Spike Duplicate

RPD = Relative Percent Difference

## JONES ENVIRONMENTAL

### LABORATORY RESULTS

Client: MC Squared  
Client Address: 355 N. Sheridan, Suite 103  
Corona, CA 92880

Report Date: 04/19/04  
JEL Ref. No.: ST-1219  
Client Ref. No.:

Att: Matt McCullough

Date Sampled: 04/15/04  
Date Received: 04/15/04  
Date Analyzed: 04/15/04  
Physical State: Soil

Project: Shultz Steel  
Project Address: South Gate, CA

#### Modified EPA 8015 - Semi-Volatile Hydrocarbons (Diesel)

Sample ID	Concentration (mg/Kg)	Surrogate Recovered (%)	Dilution Factor	Practical Quantitation Limits (mg/Kg)
S1A	ND	116%	1	10
S2A	280	-	1	10
S3A	ND	121%	1	10

ND = Not Detected

#### QUALITY CONTROL INFORMATION

##### Modified EPA 8015 - Semi-Volatile Hydrocarbons (Diesel)

Sample Spiked: 28S-10

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)
Diesel	90%	90%	0.4%	65 - 125

Method Blank = Not Detected

MS = Matrix Spike  
MSD = Matrix Spike Duplicate  
RPD = Relative Percent Difference

## JONES ENVIRONMENTAL

## LABORATORY RESULTS

Client: MC Squared Report Date: 04/19/04  
 Client Address: 355 N. Sheridan, Suite 103 JEL Ref. No.: ST-1219  
 Corona, CA 92880 Client Ref. No.:

Attn: Matt McCullough Date Sampled: 04/15/04  
 Project: Shultz Steel Date Received: 04/15/04  
 Project Address: South Gate, CA Date Analyzed: 04/15/04  
 Physical State: Soil

## EPA 5035B/8260B- Volatile Organics by GC/MS &amp; Oxygenates

<u>Sample ID:</u>	<u>S1A</u>	<u>S2A</u>	<u>S2B</u>	<u>S1A</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
<b>Analytes:</b>						
Benzene	ND	ND	ND	ND	1.0	ug Kg
Bromobenzene	ND	ND	ND	ND	1.0	ug Kg
Bromochloromethane	ND	ND	ND	ND	1.0	ug Kg
Bromodichloromethane	ND	ND	ND	ND	1.0	ug Kg
Stromoform	ND	ND	ND	ND	1.0	ug Kg
Bromoform	ND	ND	ND	ND	1.0	ug Kg
n-Butylbenzene	ND	ND	ND	ND	1.0	ug Kg
sec-Butylbenzene	ND	ND	ND	ND	1.0	ug Kg
tert-Butylbenzene	ND	ND	ND	ND	1.0	ug Kg
Carbon tetrachloride	ND	ND	ND	ND	1.0	ug Kg
Chlorobenzene	ND	ND	ND	ND	1.0	ug Kg
Chloroethane	ND	ND	ND	ND	1.0	ug Kg
Chloroform	ND	ND	ND	ND	1.0	ug Kg
Chloromethane	ND	ND	ND	ND	1.0	ug Kg
2-Chlorotoluene	ND	ND	ND	ND	1.0	ug Kg
4-Chlorotoluene	ND	ND	ND	ND	1.0	ug Kg
Dibromochloromethane	ND	ND	ND	ND	1.0	ug Kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	1.0	ug Kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	1.0	ug Kg
Dibromomethane	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichlorobenzene	ND	ND	ND	ND	1.0	ug Kg
1,3-Dichlorobenzene	ND	ND	ND	ND	1.0	ug Kg
1,4-Dichlorobenzene	ND	ND	ND	ND	1.0	ug Kg
Dichlorodifluoromethane	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloroethane	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichloroethane	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloroethene	ND	ND	ND	ND	1.0	ug Kg

ND = Not Detected

**JONES ENVIRONMENTAL**

**LABORATORY RESULTS**

Client: MC Squared Report Date: 04/19/04  
 Client Address: 355 N. Sheridan, Suite 103 JEL Ref. No.: ST-1219  
 Corona, CA 92880 Client Ref. No.:

Attn: Matt McCullough Date Sampled: 04/15/04  
 Project: Shultz Steel Date Received: 04/15/04  
 Project Address: South Gate, CA Date Analyzed: 04/15/04  
 Physical State: Soil

**EPA 5035B/8260B- Volatile Organics by GC/MS & Oxygenates**

<u>Sample ID:</u>	S1A	S2A	S2B	S3A	<u>Practical Quantitation Limits</u>	<u>Units</u>
<b>Analyses:</b>						
cis-1,2-Dichloroethene	ND	ND	ND	ND	1.0	ug Kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloropropene	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloropropane	ND	ND	ND	ND	1.0	ug Kg
2,2-Dichloropropane	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloropropene	ND	ND	ND	ND	1.0	ug Kg
cis-1,3-Dichloropropene	ND	ND	ND	ND	1.0	ug Kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	1.0	ug Kg
Ethylbenzene	ND	ND	ND	ND	1.0	ug Kg
Freon 113	ND	ND	ND	ND	1.0	ug Kg
Hexachlorobutadiene	ND	ND	ND	ND	1.0	ug Kg
Isopropylbenzene	ND	ND	ND	ND	1.0	ug Kg
4-Isopropyltoluene	ND	ND	ND	ND	1.0	ug Kg
Methylene chloride	ND	ND	ND	ND	1.0	ug Kg
Naphthalene	ND	ND	ND	ND	1.0	ug Kg
n-Propylbenzene	ND	ND	ND	ND	1.0	ug Kg
Styrene	ND	ND	ND	ND	1.0	ug Kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	1.0	ug Kg
1,1,2,2-Tetrachloroethene	ND	ND	ND	ND	1.0	ug Kg
Tetrachloroethylene	ND	ND	ND	ND	1.0	ug Kg
Toluene	ND	ND	ND	ND	1.0	ug Kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	1.0	ug Kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	1.0	ug Kg
1,1,1-Trichloroethane	ND	ND	ND	ND	1.0	ug Kg
1,1,2-Trichloroethane	ND	ND	ND	ND	1.0	ug Kg
Trichloroethylene	ND	ND	ND	ND	1.0	ug Kg

ND = Not Detected

## JONES ENVIRONMENTAL

## LABORATORY RESULTS

Client: MC Squared Report Date: 04/19/04  
 Client Address: 355 N. Sheridan, Suite 103 JEL Ref. No.: ST-1219  
 Corona, CA 92380 Client Ref. No.:

Attn: Matt McCullough Date Sampled: 04/15/04  
 Project: Shultz Steel Date Received: 04/15/04  
 Project Address: South Gate, CA Date Analyzed: 04/15/04  
 Physical State: Soil

EPA 5035B/8260B- Volatile Organics by GC/MS &  
Oxygenates

<u>Sample ID:</u>	<u>S1A</u>	<u>S2A</u>	<u>S2B</u>	<u>S3A</u>	<u>Practical Quantitation Limits</u>	<u>Units</u>
<u>Analytes:</u>						
Trichlorofluoromethane	ND	ND	ND	ND	1.0	ug Kg
1,2,3-Trichloropropane	ND	ND	ND	ND	1.0	ug Kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	1.0	ug Kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	1.0	ug Kg
Vinyl chloride	ND	ND	ND	ND	1.0	ug Kg
Xylenes	ND	ND	ND	ND	1.0	ug Kg
MTRB	ND	ND	ND	ND	1.0	ug Kg
Ethyl-tert-butyl ether	ND	ND	ND	ND	1.0	ug Kg
Di-isopropylether	ND	ND	ND	ND	1.0	ug Kg
tert-amylmethylether	ND	ND	ND	ND	1.0	ug Kg
tert-Butylalcohol	ND	ND	ND	ND	5.0	ug Kg
<u>Dilution Factor</u>	1.0	1.0	1.0	1.0		
<u>Surrogate Recovery :</u>					<u>QC Limits</u>	
Dibromofluoromethane	102%	109%	100%	114%	60 - 140	
Toluene-d <sub>8</sub>	100%	100%	96%	100%	60 - 140	
4-Bromofluorobenzene	98%	105%	103%	86%	60 - 140	

ND = Not Detected

Client:	MC Squared	Report Date:	04/19/04
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	ST-1219
	Corona, CA 92880	Client Ref. No.:	
Attn:	Matt McCullough	Date Sampled:	04/15/04
Project:	Shultz Steel	Date Received:	04/15/04
Project Address:	South Gate, CA	Date Analyzed:	04/15/04
		Physical State:	Soil

---

**EPA 5035B/8260B- Volatile Organics by GC/MS**

**Sample Spiked: S3A**

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)
Benzene	98%	92%	5.9%	60 - 140
Chlorobenzene	93%	96%	2.7%	60 - 140
Toluene	96%	95%	1.0%	60 - 140
Trichloroethylene	93%	87%	6.0%	60 - 140
1,1-Dichloroethylene	103%	98%	5.2%	60 - 140

**Sample Spiked: Clean Soil**

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)
Benzene	122%	120%	1.2%	60 - 140
Chlorobenzene	114%	113%	1.2%	60 - 140
Toluene	119%	117%	1.8%	60 - 140
Trichloroethylene	110%	109%	1.4%	60 - 140
1,1-Dichloroethylene	106%	105%	1.2%	60 - 140

Method Blank = Not Detected

- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- RPD - Relative Percent Difference

JONES  
ENVIRONMENTAL  
TESTING LABORATORIES

P.O. Box 5387  
Folsom, CA 95038  
(714) 449-9837  
Fax (714) 449-9685

# Chain-of-Custody Record

Client <i>Mr. B. Greenwell</i>	Date <i>10/16/97</i>			Analysis Requested		JEL Project # <i>1111</i>
Project Name <i>Shoreline Test</i>	Client Project #				Page <i>1 of 1</i>	
Project Address <i>Shoreline Rd.</i>	Turn Around Requested:				Lab Use Only	
	<input type="checkbox"/> Immediate Attention	<input checked="" type="checkbox"/> Rush 24-48 Hours	<input checked="" type="checkbox"/> Rush 72-96 Hours	<input type="checkbox"/> Normal	<input type="checkbox"/> Mobile Lab	Sample Condition as Received:
Project Contact <i>Mart McCullough</i>	Date	Time	Laboratory Sample Number	Sample Matrix	Sample Type	Chilled Wys One Sealed Wys One
Sample ID <i>S-16</i>	<i>10/16/97</i>	<i>1322</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <i>for Volumen</i>
<i>S-16-A</i>	<i>10/16/97</i>	<i>1323</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>S-16-B</i>	<i>10/16/97</i>	<i>1324</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
① Originated by (signature) <i>Carl McCullough</i>	Date <i>10/16/97</i>	② Received by (signature) <i>R. Jones</i>	Date <i>10/16/97</i>	Total Number of Containers		
Company <i>111 Inc.</i>	Time <i>10:00</i>	Company <i>Jones</i>	Time <i>10:00</i>			
③ Relinquished by (signature) <i>None</i>	Date <i>None</i>	④ Received by Laboratory (signature) <i>R. Jones</i>	Date <i>None</i>			The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
Company <i>None</i>	Time <i>None</i>	Company <i>None</i>	Time <i>None</i>			

**APPENDIX G**

**SOIL BORING LOG**

# BORING LOG B-5

Boring Location	Shultz Steel Company - UST	Elevation and Datum	
Drilling Company	Interphase Environmental, Inc.	Completion Depth	20 Feet
Drilling Equipment	Geoprobe 4200	Number of Samples	Continuous Core
Type/Diameter of Casing	2.75" Borehole / 1.75" Sample	Water Depth	Not Encountered
Type of Perforation	Direct Push	Start Date	03-01-06
Type of Perforation Backfill	Bentonite Grout	Date Developed and Sampled	Completion Date 03-01-06
Type of Seal	EnviroPlug No. 8	Logged By	R. Chávez
			Checked By

DEPTH (Feet)	DESCRIPTION	LOG DATA			SAMPLE LOG		REMARKS	
		GRAPHIC SYMBOL	USCS	WELL CONST	PID-PPM	BLOW COUNT	SAMPLE ID	SAMPLE INTERVAL
0	<u>CONCRETE SLAB</u> , 12-inch thick <u>MAN-MADE FILL (A)</u> SANDY GRAVEL WITH SILT (GM; alternating lifts of olive gray (5Y4/2) and light greenish gray (10Y3/1), moist, medium dense, mostly fine- to medium-grained gravel with some fine-grained sand and non-plastic fines.							
10								
15	SILT (ML); olive gray (5Y4/2), moist, firm, mostly non-plastic fines, massive. SANDY GRAVEL WITH SILT (GM); olive gray (5Y4/2), moist, medium dense.		GM					
20	<u>QUATERNARY ALLUVIUM (Qal)</u> SILT (ML); olive gray (5Y4/2), moist, firm, mostly non-plastic fines, massive, friable, abundant mica, locally with interbedded fine-grained sand.		ML					
25	Boring Terminated at 20.0 Feet. Groundwater Not Encountered No Free Hydrocarbon Product Encountered Backfilled with Hydrated Bentonite Plug		GM					
30	(EnviroPlug No. 8)		ML					
35								

Project Number

Shultz Steel Company

Boring #

B-5

Project Location

South Gate, California 90280

Page

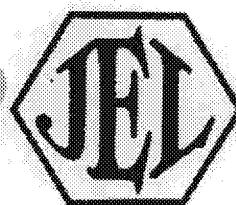
of  
1 1



MC<sup>2</sup> ENVIRONMENTAL  
SERVICES, INC.

**APPENDIX H.1**

**2006 LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORM – EPA 8015-D**



# Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 • Fullerton, CA 92838  
(714) 449-9937 • FAX (714) 449-9685

## JONES ENVIRONMENTAL

### LABORATORY RESULTS

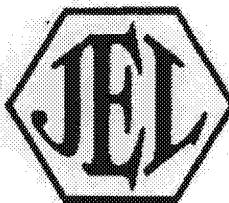
Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PLA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### Modified 80/15 Diesel (Simulated Distillation Extended Range)

Carbon Chain Range	Sample ID					
	B-5@ 10-10.5'	B-5@S 19.5-20'	B-1@ 10-10.5'	B-1@ 19.5-20'	B-2@ 10-10.5'	B-2@ 19.5-20'
C <sub>n</sub> -C <sub>7</sub>	ND	ND	ND	ND	ND	ND
C <sub>8</sub> -C <sub>9</sub>	ND	ND	ND	ND	ND	ND
C <sub>10</sub> -C <sub>11</sub>	ND	ND	ND	ND	ND	ND
C <sub>12</sub> -C <sub>13</sub>	ND	ND	ND	ND	ND	ND
C <sub>14</sub> -C <sub>15</sub>	ND	ND	ND	ND	ND	ND
C <sub>16</sub> -C <sub>17</sub>	ND	ND	ND	ND	ND	ND
C <sub>18</sub> -C <sub>19</sub>	ND	ND	ND	ND	ND	ND
C <sub>20</sub> -C <sub>23</sub>	ND	ND	ND	ND	ND	ND
C <sub>24</sub> -C <sub>27</sub>	ND	ND	ND	ND	ND	ND
C <sub>28</sub> -C <sub>31</sub>	ND	ND	ND	ND	ND	ND
C <sub>32</sub> -C <sub>35</sub>	ND	ND	ND	ND	ND	ND
C <sub>36</sub> -C <sub>39</sub>	ND	ND	ND	ND	ND	ND
C <sub>40</sub> -C <sub>43</sub>	ND	ND	ND	ND	ND	ND
C <sub>44</sub>	ND	ND	ND	ND	ND	ND
Total	ND	ND	ND	ND	ND	ND
Surrogate Recovery Hexacosane %						
Acceptance Range: 65% - 125%	85%	85%	87%	86%	89%	85%
Diesel	ND	ND	ND	ND	ND	ND
Diffusion Factor	1	1	1	1	1	1
Practical Quantitation Limits	10	10	10	10	10	10

ND = Not Detected

\* = Asphalt



# Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5887 • Fullerton, CA 92888  
(714) 449-9937 • FAX (714) 449-9685

## JONES ENVIRONMENTAL

### LABORATORY RESULTS

**Client:** Mc Squared  
**Client Address:** 355 N. Sheridan, Suite 103  
Corona, CA 92880

**Report Date:** 03/03/06  
**JEL Ref. No.:** C-1038

**Attn:** Meena Malek

**Date Sampled:** 03/01/06

**Project:** PEA Shultz Steel  
**Project Address:** 5321 E. Firestone Blvd., South Gate, CA

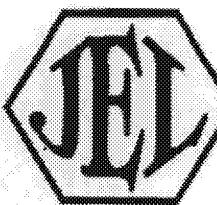
**Date Received:** 03/01/06  
**Date Analyzed:** 03/01/06  
**Physical State:** Soil

#### Modified 8015 Diesel (Simulated Distillation Extended Range)

Carbon Chain Range	Sample ID Concentration (ng/Kg)					
	B-3@ 10-10.5'	B-3@ 19.5-20'	B-4@ 10-10.5'	B-4@ 19.5-20'	B-6@ 10-10.5'	B-6@ 19.5-20'
C6-C7	ND	ND	ND	ND	ND	ND
C8-C9	ND	ND	ND	ND	ND	ND
C10-C11	ND	ND	ND	ND	ND	ND
C12-C13	ND	ND	ND	ND	ND	ND
C14-C15	ND	ND	ND	ND	ND	ND
C16-C17	ND	ND	ND	ND	ND	ND
C18-C19	ND	ND	ND	ND	ND	ND
C20-C21	ND	ND	ND	ND	ND	ND
C24-C27	ND	ND	ND	ND	ND	ND
C28-C31	ND	ND	ND	ND	ND	ND
C32-C35	ND	ND	ND	ND	ND	ND
C36-C39	ND	ND	ND	ND	ND	ND
C40-C43	ND	ND	ND	ND	ND	ND
C44-	ND	ND	ND	ND	ND	ND
Total	ND	ND	ND	ND	ND	ND
Surrogate Recovery Hexacosane % Acceptance Range: 65% - 125%	85%	82%	81%	82%	80%	81%
Diesel	ND	ND	ND	ND	ND	ND
Dilution Factor	1	1	1	1	1	1
Practical Quantitation limits	10	10	10	10	10	10

ND = Not Detected

\* Asphalt



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## LABORATORY RESULTS

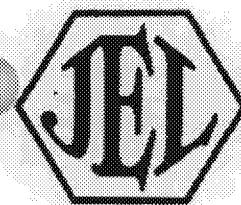
Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

### Modified 8015 Diesel (Simulated Distillation Extended Range)

Carbon Chain Range	Sample ID			
	B-70 [0-10.5]	B-70 [9.5-20]	B-80 [0-10.5]	B-80 [9.5-20]
C6-C7	ND	ND	ND	ND
C8-C9	ND	ND	ND	ND
C10-C11	ND	ND	ND	ND
C12-C13	ND	ND	ND	ND
C14-C15	ND	ND	ND	ND
C16-C17	ND	ND	ND	ND
C18-C19	ND	ND	ND	ND
C20-C21	ND	ND	ND	ND
C24-C27	ND	ND	ND	ND
C28-C31	ND	ND	ND	ND
C32-C35	ND	ND	ND	ND
C36-C39	ND	ND	ND	ND
C40-C43	ND	ND	ND	ND
C44+	ND	ND	ND	ND
Total	ND	ND	ND	ND
Surrogate Recovery Hexacosane %				
Acceptance Range: 65% - 125%	84%	82%	84%	84%
Diesel	ND	ND	ND	ND
Dilution Factor	1	1	1	1
Practical Quantitation limits	10	10	10	10

ND = Not Detected

\* = Asphalt



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## QUALITY CONTROL INFORMATION

Client: MG Squared  
Client Address: 335 N. Sheridan, Suite 103  
Corona, CA 92880

Report Date: 03/03/06  
JEL Ref. No.: C-1038

Anal: Mouna Malek

Date Sampled: 03/01/06  
Date Received: 03/01/06  
Date Analyzed: 03/01/06  
Physical State: Soil

Project: PEA Shultz Steel  
Project Address: 5321 E. Firestone Blvd., South Gate, CA

### Modified 8015 Diesel (Simulated Distillation Extended Range)

Sample Spiked: CLEAN SOIL

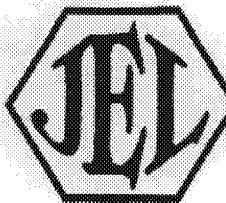
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)
Diesel	94%	94%	0.2%	65 - 125

Method Blank = Not Detected

MS = Matrix Spike  
MSD = Matrix Spike Duplicate  
RPD = Relative Percent Difference

**APPENDIX H.2**

**2006 LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORM – EPA 8260/5035 VOCs**



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## JONES ENVIRONMENTAL

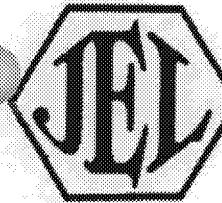
### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PFA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### EPA 8260B/S035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-5@ 10-10.5'	B-5@ 19.5-20'	B-1@ 10-10.5'	B-1@ 19.5-20'	B-2@ 10-10.5'	Practical Quantitation Limits	Units
<b>Analyses:</b>							
Benzene	ND	ND	ND	ND	ND	1.0	ug Kg
Styrene	ND	ND	ND	ND	ND	1.0	ug Kg
Bromochloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
Bromoform	ND	ND	ND	ND	ND	1.0	ug Kg
Bromonethane	ND	ND	ND	ND	ND	1.0	ug Kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
o-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
p-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Carbon tetrachloride	ND	8.8	ND	ND	ND	1.0	ug Kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Chloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
Chloroform	ND	ND	ND	ND	ND	1.0	ug Kg
Chloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Chloroethylene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Chlorotoluene	ND	ND	ND	ND	ND	1.0	ug Kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	ug Kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug Kg

ND = Not Detected



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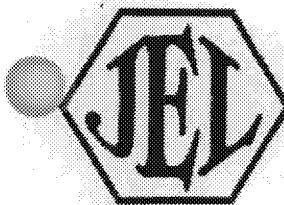
### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### EPA 8260B/5035- Volatile Organics by GC/MS - Oxygenates

Sample ID:	B-50 10-10.5'	B-50.5 19.5-20'	B-12 10-10.5'	B-12 19.5-20'	B-22 10-10.5'	Practical Quantitation Limits	Units
<b>Analytics:</b>							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug/Kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1-Dichloropropane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	ug/Kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	ug/Kg
ethylbenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
Propen-1,3	ND	ND	ND	ND	ND	1.0	ug/Kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	ug/Kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
2,4-isopropyltoluene	ND	ND	ND	ND	ND	1.0	ug/Kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	ug/Kg
Naphthalene	ND	ND	ND	ND	ND	1.0	ug/Kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
Sterane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1,1,2-Tetrachloroethene	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1,1,2-Tetrachloroethene	ND	ND	ND	ND	ND	1.0	ug/Kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	ug/Kg
Toluene	ND	ND	ND	ND	ND	1.0	ug/Kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	ug/Kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	ug/Kg

ND = Not Detected



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## JONES ENVIRONMENTAL

### LABORATORY RESULTS

Client: Me Squared

Report Date: 03/03/06

Client Address: 355 N. Sheridan, Suite 103  
Corona, CA 92880

JEL Ref. No.: C-1038

Attn: Meuna Malek

Date Sampled: 03/01/06

Project: PEA Shultz Steel

Date Received: 03/01/06

Project Address: 5321 E. Firestone Blvd., South Gate, CA

Date Analyzed: 03/01/06

Physical State: Soil

#### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-5%	B-5.5%	B-1%	B-1.5%	B-2%	Practical Quantitation Limits	Units
	10-10.5'	19.5-20'	10-10.5'	19.5-20'	10-10.5'		
<b>Analyses:</b>							
Dibromofluoromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,3-Trifluoropropene	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	ug Kg
Xylenes	ND	ND	ND	ND	ND	1.0	ug Kg
MTBE	ND	ND	ND	ND	ND	1.0	ug Kg
Ethyl-tert-butyl ether	ND	ND	ND	ND	ND	1.0	ug Kg
Di-isopropyl ether	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Butylmethyl ether	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Butylalcohol	ND	ND	ND	ND	ND	5.0	ug Kg
Toluene	ND	ND	ND	ND	ND	10	ug Kg

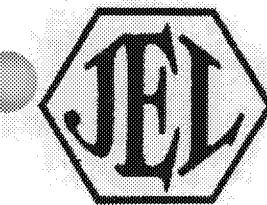
#### Dilution Factor

1      3      1      3      1

#### Surrogate Recovery :

					QC Limits
Dibromofluoromethane	101%	100%	--	106%	91% 60 - 140
Toluene-d <sub>6</sub>	96%	102%	98%	104%	97% 60 - 140
4-Bromofluorobenzene	90%	93%	100%	101%	87% 60 - 140

ND = Not Detected



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## JONES ENVIRONMENTAL

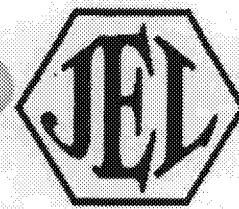
### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attm:	Mouna Malek	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-2@ 19.5-20°	B-3@ 10-10.5°	B-3@ 19.5-20°	B-4@ 10-10.5°	B-4@ 19.5-20°	Practical Quantitation Limits	Units
<b>Analyses:</b>							
Benzene	ND	ND	ND	ND	ND	1.0	ug/Kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
Bromoform	ND	ND	ND	ND	ND	1.0	ug/Kg
Bromochloromethane	ND	ND	ND	ND	ND	1.0	ug/Kg
Bromochloromethane	ND	ND	ND	ND	ND	1.0	ug/Kg
Bromoform	ND	ND	ND	ND	ND	1.0	ug/Kg
Bromomethane	ND	ND	ND	ND	ND	1.0	ug/Kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	ug/Kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
Chloroethane	ND	ND	ND	ND	ND	1.0	ug/Kg
Chloroform	ND	ND	ND	ND	ND	1.0	ug/Kg
Chloromethane	ND	ND	ND	ND	ND	1.0	ug/Kg
1-Chlorotoluene	ND	ND	ND	ND	ND	1.0	ug/Kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	ug/Kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,2-Dibromo-1-chloropropane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,2-Dichloroethane (EDB)	ND	ND	ND	ND	ND	1.0	ug/Kg
Dibromoethane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug/Kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	ug/Kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug/Kg

ND = Not Detected



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## JONES ENVIRONMENTAL

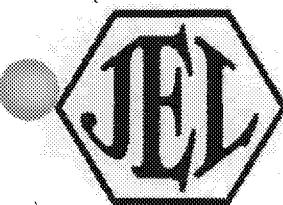
### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	335 N. Sheridan, Suite 103 Corona, CA 92880	JEL Ref. No.:	C-1038
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### EPA 8260R/5035: Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-2a 19.5-20°	B-3a 16-16.5°	B-3b 19.5-20°	B-4a 19-19.5°	B-4b 19.5-20°	Practical Quantitation Limits	Units
Analytes:							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichloropropene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
Styrene	ND	ND	ND	ND	ND	1.0	ug Kg
Froin 113	ND	ND	ND	ND	ND	1.0	ug Kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	ug Kg
1-isopropylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
4-isopropyltoluene	ND	ND	ND	ND	ND	1.0	ug Kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	ug Kg
Naphthalene	ND	ND	ND	ND	ND	1.0	ug Kg
o-Propylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Styrene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,1,2-Tetrafluoroethene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,2,2-Tetrachloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	ug Kg
Toluene	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,2-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	ug Kg

ND - Not Detected



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## JONES ENVIRONMENTAL

## LABORATORY RESULTS

**Client:** Mc Squared  
**Client Address:** 355 N. Sheridan, Suite 103  
Corona, CA 92880

**Report Date:** 03/03/06  
**JEL Ref. No.:** C-1038

**Analyst:** Mouna Malek

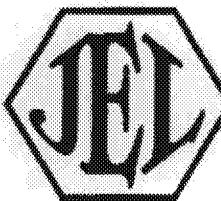
**Date Sampled:** 03/01/06  
**Date Received:** 03/01/06  
**Date Analyzed:** 03/01/06  
**Physical State:** Soil

**Project:** PEA Shultz Steel  
**Project Address:** 5321 E. Firestone Blvd., South Gate, CA

### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-2@ 19.5-20°	B-3@ 10-10.5°	B-3@ 19.5-20°	B-4@ 10-10.5°	B-4@ 19.5-20°	Practical Quantitation Limits	Units
<b>Analyses:</b>							
Trichlorofluoromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	ug Kg
Xylenes	ND	ND	ND	ND	ND	1.0	ug Kg
MTBE	ND	ND	ND	ND	ND	1.0	ug Kg
Ethyl-tert-butyl ether	ND	ND	ND	ND	ND	1.0	ug Kg
Di-isopropyl ether	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Amyl methyl ether	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Butyl alcohol	ND	ND	ND	ND	ND	5.0	ug Kg
Ethanol	ND	ND	ND	ND	ND	10	ug Kg
<b>Dilution Factor</b>							
	1	1	1	1	1		
<b>Surrogate Recovery:</b>							
Dibromofluoromethane	97%	66%	99%	96%	99%	60 - 140	QC Limits
Toluene-d <sub>6</sub>	97%	99%	100%	98%	97%	60 - 140	
4-Bromo fluoro benzene	99%	97%	97%	95%	92%	60 - 140	

ND = Not Detected



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## JONES ENVIRONMENTAL

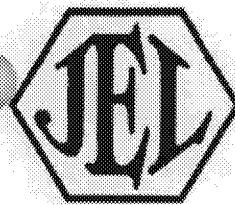
### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-6/a 10-10.5'	B-4/c 19.5-20'	B-7/e 10-10.5'	B-7/f 19.5-20'	B-8/d 10-10.5'	Practical Quantitation Limits	Units
<b>Analytics:</b>							
Benzene	ND	ND	ND	ND	ND	1.0	ug Kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Bromoacromethane	ND	ND	ND	ND	ND	1.0	ug Kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
Bromoform	ND	ND	ND	ND	ND	1.0	ug Kg
Bromomethane	ND	ND	ND	ND	ND	1.0	ug Kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	ug Kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Chloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
Chloroform	ND	ND	ND	ND	ND	1.0	ug Kg
Chloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1-Chlorobutene	ND	ND	ND	ND	ND	1.0	ug Kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	ug Kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dibromo-2-chloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	ug Kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug Kg

ND = Not Detected



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## JONES ENVIRONMENTAL

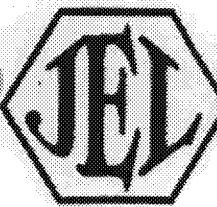
### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1638
	Corona, CA 92880		
Anal:	Mouna Malek	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-6a 10-10.5°	B-6a 19.5-20°	B-7a 10-10.5°	B-7a 19.5-20°	B-8a 10-10.5°	Practical Quantitation Limits	Units
<b>Analytes:</b>							
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2-Dichloropropene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	ug Kg
Ethyl Benzene	ND	ND	ND	ND	ND	1.0	ug Kg
Toluene	ND	ND	ND	ND	ND	1.0	ug Kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	ug Kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	ug Kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	ug Kg
Naphthalene	ND	ND	ND	ND	ND	1.0	ug Kg
<i>n</i> -Propylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Syntone	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,1,2-Tetrachloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,2,2-Tetrachloroethene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1-Chloroethylene	ND	ND	ND	ND	ND	1.0	ug Kg
Toluene	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	ug Kg
Trichloromethylene	ND	ND	ND	ND	ND	1.0	ug Kg

ND = Not Detected



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## JONES ENVIRONMENTAL

### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

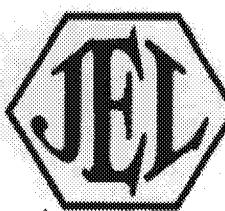
#### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-5@ 10-10.5'	B-6@ 19.5-20'	B-7@ 10-10.5'	B-7@ 19.5-20'	B-8@ 10-10.5'	Practical Quantitation Limits	Units
<b>Analyses:</b>							
Trichlorofluoromethane	ND	ND	ND	ND	ND	1.0	ug Kg
1,1,1-Trichloropropane	ND	ND	ND	ND	ND	1.0	ug Kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	ug Kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	ug Kg
Nyleng	ND	ND	ND	ND	ND	1.0	ug Kg
MTBE	ND	ND	ND	ND	ND	1.0	ug Kg
1,4-Dioxane-d <sub>4</sub>	ND	ND	ND	ND	ND	1.0	ug Kg
Diisopropylether	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Amyl methyl ether	ND	ND	ND	ND	ND	1.0	ug Kg
tert-Butyl alcohol	ND	ND	ND	ND	ND	\$0	ug Kg
Ethanol	ND	ND	ND	ND	ND	10	ug Kg
<b>Dilution Factor</b>							
	1	1	1	1	1		

#### Surrogate Recovery :

					QC Limits
Dibromo fluromethane	98%	107%	107%	101%	99% 60 - 140
Toluene-d <sub>6</sub>	101%	101%	101%	104%	102% 60 - 120
1-Bromo fluoro benzene	95%	102%	96%	94%	95% 60 - 140

ND = Not Detected



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## JONES ENVIRONMENTAL

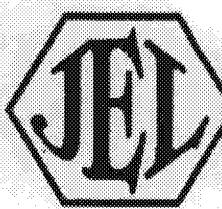
### LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Malick	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

#### EPA 8260B/503C: Volatile Organics by GC/MS + Oxygenates

Sample ID:	Run Date	Practical Quantitation Limits	Units
	19-5-201		
Analytes:			
Benzene	ND	1.0	ug Kg
Bromo-benzene	ND	1.0	ug Kg
Bromo-chloro-methane	ND	1.0	ug Kg
Bromo-dichloro-methane	ND	1.0	ug Kg
Bromoform	ND	1.0	ug Kg
Bromomethane	ND	1.0	ug Kg
n-Butylbenzene	ND	1.0	ug Kg
sec-Butylbenzene	ND	1.0	ug Kg
tert-Butylbenzene	ND	1.0	ug Kg
Carbon tetrachloride	ND	1.0	ug Kg
Chlorobenzene	ND	1.0	ug Kg
Chloroethane	ND	1.0	ug Kg
Chloroform	ND	1.0	ug Kg
Chloromethane	ND	1.0	ug Kg
1-Chlorobutane	ND	1.0	ug Kg
Dichloro-methane	ND	1.0	ug Kg
1,1-Dibromo-1-chloropropane	ND	1.0	ug Kg
1,1-Dibromoethane (EDB)	ND	1.0	ug Kg
Dibromomethane	ND	1.0	ug Kg
1,2-Dichlorobenzene	ND	1.0	ug Kg
1,3-Dichlorobenzene	ND	1.0	ug Kg
1,4-Dichlorobenzene	ND	1.0	ug Kg
Dichlorodifluoromethane	ND	1.0	ug Kg
1,1-Dichloroethane	ND	1.0	ug Kg
1,2-Dichloroethane	ND	1.0	ug Kg
1,1-Dichloroethene	ND	1.0	ug Kg

ND = Not Detected



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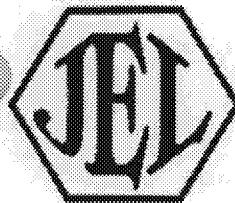
## JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103 Corona, CA 92880	JEL Ref. No.:	C-1038
Attn:	Mouna Malek	Date Sampled:	03/01/06
Project:	PFA Shultz Steel	Date Received:	03/01/06
Project Address:	3321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample ID:	File #:	Practical Quantification Limits	Units
	19-3-20'		
Analyses:			
cis-1,2-Dichloroethene	ND	1.0	ug Kg
trans-1,2-Dichloroethene	ND	1.0	ug Kg
1,2-Dichloropropane	ND	1.0	ug Kg
1,1-Dichloropropane	ND	1.0	ug Kg
2,2-Dichloropropane	ND	1.0	ug Kg
1,1-Dichloropropene	ND	1.0	ug Kg
Propylbenzene	ND	1.0	ug Kg
Fraction 113	ND	1.0	ug Kg
Hexachlorobutadiene	ND	1.0	ug Kg
Isopropylbenzene	ND	1.0	ug Kg
+Isopropyltoluene	ND	1.0	ug Kg
Methylene chloride	ND	1.0	ug Kg
Naphthalene	ND	1.0	ug Kg
n-Propylbenzene	ND	1.0	ug Kg
Syrene	ND	1.0	ug Kg
1,1,1,2-Tetrachloroethene	ND	1.0	ug Kg
1,1,2,2-Tetrachloroethene	ND	1.0	ug Kg
Tetrachloroethylene	ND	1.0	ug Kg
Toluene	ND	1.0	ug Kg
1,2,2-Trichlorobenzene	ND	1.0	ug Kg
1,2,4-Trichlorobenzene	ND	1.0	ug Kg
1,1,1-Trichloroethane	ND	1.0	ug Kg
1,1,2-Trichloroethane	ND	1.0	ug Kg
Trichloroethylene	ND	1.0	ug Kg

ND = Not Detected



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## JONES ENVIRONMENTAL

## LABORATORY RESULTS

Client: Mc Squared  
Client Address: 355 N. Sheridan, Suite 103  
Corona, CA 92880

Report Date: 03/03/06  
JEL Ref. No.: C-1058

Attn: Mouna Malek

Date Sampled: 03/01/06

Project: PEA Shultz Steel

Date Received: 03/01/06

Project Address: 5321 E. Firestone Blvd., South Gate, CA

Date Analyzed: 03/01/06

Physical State: Soil

### EPA 8260B/5635- Volatile Organics by GC/MS + Oxygenates

Sample ID:	B-86 195-20'	Practical Quantitation Limits	Units
Analytes:			
Trichlorofluoromethane	ND	1.0	ug/Kg
1,1,2-Trichloropropane	ND	1.0	ug/Kg
1,1,4-Trimethylbenzene	ND	1.0	ug/Kg
1,3,5-Trimethylbenzene	ND	1.0	ug/Kg
Nitro chloroform	ND	1.0	ug/Kg
Nitroethane	ND	1.0	ug/Kg
MIBK	ND	1.0	ug/Kg
ethyl-acet-butylether	ND	1.0	ug/Kg
Di-isopropyl ether	ND	1.0	ug/Kg
tert-amylmethyl ether	ND	1.0	ug/Kg
tert-Butyl alcohol	ND	5.0	ug/Kg
Ethanol	ND	10	ug/Kg

Dilution Factor: 1

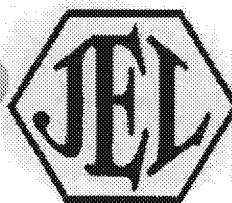
#### Surrogate Recovery :

Dibromofluoromethane	98%
Toluene-d <sub>6</sub>	100%
4-Bromofluorobenzene	91%

#### OC Limits

60 - 140
60 - 140
60 - 140

ND = Not Detected



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## JONES ENVIRONMENTAL

### QUALITY CONTROL INFORMATION

Client:	Mc Squared	Report Date:	03/03/06
Client Address:	355 N. Sheridan, Suite 103	JEL Ref. No.:	C-1038
	Corona, CA 92880		
Attn:	Mouna Maick	Date Sampled:	03/01/06
Project:	PEA Shultz Steel	Date Received:	03/01/06
Project Address:	5321 E. Firestone Blvd., South Gate, CA	Date Analyzed:	03/01/06
		Physical State:	Soil

### EPA 8260B/5035- Volatile Organics by GC/MS + Oxygenates

Sample Spiked: CLEAN SOIL

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)
1,1-Dichloroethylene	99%	106%	5.7%	60 - 140
Benzene	104%	108%	4.4%	60 - 140
Trichloroethylene	100%	102%	3.9%	60 - 140
Toluene	97%	102%	5.1%	60 - 140
Chlorobenzene	96%	99%	3.4%	60 - 140

Sample Spiked: CLEAN SOIL

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)
1,1-Dichloroethylene	80%	80%	0.5%	60 - 140
Benzene	84%	81%	3.3%	60 - 140
Trichloroethylene	95%	95%	0.7%	60 - 140
Toluene	100%	101%	1.1%	60 - 140
Chlorobenzene	101%	96%	6.0%	60 - 140

Method Blank - Not Detected

MS = Matrix Spike  
MSD = Matrix Spike Duplicate  
RPD = Relative Percent Difference



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ASSESSMENT

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## **Chain-of-Custody Record**

Client	MLC	Date	3/01/06
Project Name	DGA Skirt Spec	Client Project #	
Project Address	5321 Firestone Rd	Turn Around Requested:	
Project Contact	David A. Gatt, Jr.	<input type="checkbox"/> Same Day	
Project Contact		<input type="checkbox"/> 1-48 Hours	
Project Contact		<input type="checkbox"/> 2-48 Hours	
Project Contact		<input type="checkbox"/> 48-72 Hours	
Project Contact		<input type="checkbox"/> Standard	
Project Contact		<input checked="" type="checkbox"/> Mobile Lab	X
Sample ID	Discussion	Date	Time
56 - 2006 - 19 - 5' lf	Zone Range Vn	3/05	0610
56 - 2006 - 18 - 5' lf		3/01	0637
56 - 2006 - 18.15' lf		3/01	0715
56 - 2006 - 18 - 5' lf		3/01	0733
56 - 2006 - 18 - 5' lf		3/01	0750
56 - 2006 - 18 - 5' lf		3/01	0811
56 - 2006 - 18 - 5' lf		3/01	0815
56 - 2006 - 18 - 5' lf		3/01	0850
56 - 2006 - 18 - 5' lf		3/01	0908
56 - 2006 - 18 - 5' lf		3/01	0913
B-1 C 5 - 5.5' l		3/01	0913
① Handwritten by technician	3-1-06	Date	3/01/06
Company	MPC	Time	10:30
② Handwritten by technician		Date	
Company		Time	
③ Handwritten by technician		Date	
Company		Time	

# Chain-of-Custody Record

Client <i>MC</i>	Date <i>3/01/06</i>	Client Project # <i>PCP Site 2 St 602</i>	Analysis Requested					JEL Project # <i>C-1056</i>
Project Name <i>PCP Site 2 St 602</i>			<input type="checkbox"/> Immediate Attention	<input type="checkbox"/> Next 24-48 Hours	<input type="checkbox"/> Next 72-96 Hours	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Medium 1-24	Page <i>2 of 4</i>
Project Address <i>5321 Firestone Blvd</i>								Lab Use Only
Project Contact <i>Spencer Gandy, CA</i>								Sample Condition as Received: Chilled <input type="checkbox"/> yes <input checked="" type="checkbox"/> no Sealed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Sample ID	Discussion	Date	Time	Laboratory Sample Number	Sample Handled by Lab #	Sample Analyzed by Lab #	Number of Containers	Remarks/Special Instructions
B-5 C 5-5.5'		3/1	0905	C-1038-10	5	X X X	1	HOLD
B-5 C 10-10.5'		3/1	0903	C-1038-12	5	X X X	1	
B-5 C 19.5-20'		3/1	0900	C-1038-15	3	X X X	1	
56-2006-14-15' 16' DUE		3/1	0935	C-1038-14	3G	X	1	
B-1 C 10-10.5'		3/1	0921	C-1038-15	3	X X X	1	
B-1 C 19.5-20'		3/1	0933	C-1038-16	3	X X X	1	
B-2 C 5-5.5'		3/1	0951	C-1038-17	3	X X X	1	HOLD
B-2 C 10-10.5'		3/1	0958	C-1038-18	3	X X X	1	
B-2 C 19.5-20'		3/1	1010	C-1038-19	3	X X X	1	
B-3 C 5-5.5'	<i>P</i>	3/1	1025	C-1038-20	3	X X X	1	HOLD
① Handwritten by (signature) <i>MC</i>	Date <i>3-1-06</i>	② Received by Laboratory (Signature) <i>JBL</i>	Date <i>3/1/06</i>	Total Number of Containers				
Company <i>MC</i>	Time <i>12:30</i>	Company <i>JBL</i>	Time <i>1230</i>	The delivery of samples and the signature on this Chain-of-Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.				
③ Handwritten by (signature)	Date	④ Received by Laboratory (Signature)	Date					
Company	Time	Company	Time					

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# Chain-of-Custody Record

Client <i>MK</i>	Date <i>3/1/06</i>	Client Project # <i>Per. Smart Sheet</i>	JEL Project # <i>C-1058</i>				
Project Name <i>Per. Smart Sheet</i>			Page <i>5 of 4</i>				
Project Address <i>6321 Foothill Blvd</i>			Lab Use Only				
Project Contact <i>South Gate</i>			Sample Condition as Received:				
			<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Chilled	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
			<input type="checkbox"/> Immediate Analysis	<input type="checkbox"/> 24-48 Hours	<input type="checkbox"/> 72-96 Hours	<input type="checkbox"/> Sealed	
			<input type="checkbox"/> Rush 24-48 Hours	<input type="checkbox"/> Rush 72-96 Hours	<input type="checkbox"/> Rush 96+ Hours		
			<input checked="" type="checkbox"/> Mobile Lab				
Sample ID	Discussion	Date	Time	Laboratory Sample Number	Sample Status S = In Progress I = Pending C = Complete	Number of Containers	Remarks/Special Instructions
B-3 @ 10-10.5'		3/1	1038	C-1058-21	S X X X	1	
B-3 @ 10.5-20'		3/1	1050	C-1058-22	S X X X	1	
B-4 @ 5-5.5'		3/1	1102	C-1058-23	S X X X	1	HOLD
B-7 @ 10-10.5'		3/1	1117	C-1058-24	S X X X	1	
B-4 @ 10.5-20'		3/1	1127	C-1058-25	S X X X	1	
B-6 @ 10-10.5'		3/1	1137	C-1058-26	S X X X	1	
B-6 @ 10.5-20'		3/1	1148	C-1058-27	S X X X	1	
B-7 @ 10-10.5'		3/1	1159	C-1058-28	S X X X	1	
B-7 @ 10.5-20'		3/1	1210	C-1058-29	S X X X	1	
B-8 @ 10.5-10.5'		3/1	1218	C-1058-30	S X X X	1	
<b>① Delivered by (signature)</b> <i>Kemper</i>		Date <i>3-1-06</i>	<b>② Received by (signature)</b> <i>JAC</i>		Date <i>3/1/06</i>	Total Number of Containers	
Company <i>M2</i>	Time <i>12:30</i>	Company			Time <i>12:30</i>	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.	
<b>③ Not requested by (signature)</b> <i>M2</i>		Date	<b>④ Accepted by Laboratory (signature)</b> <i>JAC</i>		Date		
Company	Time	Company			Time		

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# Chain-of-Custody Record

Client <i>MCI</i>	Date <i>3/1/06</i>	Client Project # <i>C-1058</i>	JEL Project # <i>C-1058</i>			
Project Name <i>PEA Shultz Steel</i>	Turn Around Requested:					
Project Address <i>53rd Finesone Blvd South Grant, Ga</i>	<input type="checkbox"/> Immediate Attention	<input type="checkbox"/> Rush 24-48 Hours	<input type="checkbox"/> Rush 72-96 Hours			
Project Contact	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Mobile Lab	<input type="checkbox"/> Analysis Requested			
Sample ID	Discussion	Date	Time	Laboratory Sample Number	Number of Containers	Remarks/Special Instructions
<i>B-8 C 19.5-20</i>		<i>3/1</i>	<i>1230</i>	<i>C-1058-31</i>	<i>3</i>	<i>x x x</i>
<p><b>① Delivered by (signature)</b> <i>[Signature]</i> <b>Date</b> <i>3-1-06</i> <b>② Received by (signature)</b> <i>[Signature]</i> <b>Date</b> <i>3/1/06</i> <b>Total Number of Containers</b></p> <p>Company <i>JET</i> Time <i>12:30</i> Company <i>JET</i> Time <i>12:30</i></p> <p><b>③ Delivered by (signature)</b> <b>Date</b> <b>④ Received by Laboratory (signature)</b> <b>Date</b></p> <p>Company Time Company Time</p>						
<p>The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.</p>						